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Monitoring Event 16 – April 2000
Sites 1 and 3 and Eastern Plume
Naval Air Station, Brunswick, Maine

Contract No. N62472-92-D-1296
Contract Task Order No. 0047

U.S. NAVAL AIR STATION
BRUNSWICK, MAINE

Prepared for

Department of the Navy
Northern Division
Naval Facilities Engineering Command
10 Industrial Highway
Mail Stop No. 82
Lester, Pennsylvania 19113-2090

Prepared by

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June 2000
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23 JUNE 2000

Alexander C. Easterday, P.G.
CTO Manager

Date

23 June 2000

Robert S. Pace
Program Manager

Date

June 2000

QUALITY REVIEW STATEMENT

Contract No. N62472-92-D-1296 EA Project No.: 29600.47.7616
Contract Task Order No. 0047
Activity: Naval Air Station, Brunswick, Maine

Description of Report/Deliverable:

Monitoring Event 16 – April 2000, Sites 1 and 3 and Eastern Plume, Naval Air Station, Brunswick, Maine

EA CTO Manager: Alexander C. Easterday, P.G.

In compliance with EA's Quality Procedures for review of deliverables outlined in the Quality Management Plan, this final deliverable has been reviewed for quality by the undersigned Senior Technical Reviewer(s). The information presented in this report/deliverable has been prepared in accordance with the approved Implementation Plan for the Contract Task Order (CTO) and reflects a proper presentation of the data and/or the conclusions drawn and/or the analyses or design completed during the conduct of the work. This statement is based upon the standards identified in the CTO and/or the standard of care existing at the time of preparation.

Senior Technical Reviewer

6-23-00

James A. Shultz, C.P.G. (Date)
Senior Geologist

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1. PROJECT ACTIVITIES AND MONITORING EVENT RESULTS

1.1 INTRODUCTION

Under Contract No. N62472-92-D-1296, Contract Task Order No. 0047, Northern Division, Naval Facilities Engineering Command contracted with EA Engineering, Science, and Technology to perform long-term monitoring at Sites 1 and 3 and Eastern Plume at Naval Air Station (NAS), Brunswick, Maine. NAS Brunswick is located south of the Androscoggin River between Brunswick and Cooks Corner, Maine. The locations of Sites 1 and 3 and the Eastern Plume are provided on Figure 1.

At Sites 1 and 3 and the Eastern Plume, the Navy is performing long-term monitoring, maintenance, and corrective measures as part of the long-term remedial actions required by the Record of Decision for a Remedial Action for Sites 1 and 3 (ABB-ES 1992), and the Record of Decision for No Further Action at Sites 4, 11, and 13 and a Remedial Action for the Eastern Plume (ABB-ES 1998). In 1994, a Long-Term Monitoring Plan (LTMP) was established for Sites 1 and 3 and the Eastern Plume (ABB-ES 1994). A draft revision to the 1994 LTMP was issued in October 1998 (EA 1998); and subsequent to Monitoring Event 14, a draft final version was issued in June 1999 (EA 1999a). The draft LTMP document establishes the monitoring and sampling requirements for Sites 1 and 3 and the Eastern Plume and was used during Monitoring Event 15 (EA 1998). The final LTMP document was issued in February 2000 (EA 2000a) and used during Monitoring Event 16 (April 2000).

Remedial actions at Sites 1 and 3 included construction of a low permeability slurry wall upgradient and surrounding two disposal trenches to a depth of approximately 90 ft, construction of a low permeability cap atop the landfill, and placement of 2 ground-water extraction wells (EW-6 and EW-7) within the landfill limits. Extraction wells within the landfill limits were deactivated on 19 November 1997 due to continually decreasing yields and stabilized water levels within the confines of the slurry wall. The source of the Eastern Plume has been identified as Sites 4, 11, and 13 (ABB-ES 1998). Ground water in the Eastern Plume is being remediated by a treatment system consisting of 5 ground-water extraction wells designed to provide hydraulic control of the aquifer, and a treatment plant to remove volatile organic compounds (VOCs) from the ground water prior to discharge. The extraction system has been operational since April 1995. Extraction well EW-2A, located within the Eastern Plume in the vicinity of monitoring well MW-311, was activated on 12 June 1998 to provide additional VOC removal and hydraulic control in this area. Extraction well EW-3 is no longer operational and was removed from service in December 1998. Monthly ground-water extraction and treatment system operations reports provided to the Brunswick Sewer District summarize additional details related to treatment plant operations and maintenance.

Figure 2 shows the gauging and sampling points of the long-term monitoring network, Figure 3 shows long-term monitoring locations where gauging is conducted, and Figure 4 shows points where long-term monitoring samples are collected, as specified in the final LTMP (EA 2000a).

The sampling and gauging points at Sites 1 and 3 and the Eastern Plume are summarized in Tables 1 and 2, respectively.

As agreed upon at the 11 April 2000 Technical Meeting, 2 seep samples (SEEP-10 and SEEP-11) within the Eastern Plume were added to the Long-Term Monitoring Program. Monitoring Event 16 sampling was conducted in accordance with the final LTMP (EA 2000a). These 2 seep locations were sampled during Monitoring Event 16, although their locations have not been surveyed. The approximate locations of SEEP-10 and SEEP-11 are shown on Figure 4.

During Monitoring Event 16, a limited diffusion sampler pilot study was conducted to assess whether aqueous diffusion samplers could be used to collect representative ground-water samples from monitoring wells compared to low flow sampling techniques currently being used in the Eastern Plume. Aqueous diffusion samplers were installed at three separate intervals (top, mid-screen, and bottom) in a single monitoring well to assess the degree of vertical stratification of VOC concentrations within each monitoring well. The aqueous diffusion samplers were placed in 10 monitoring wells as part of Monitoring Event 16; results are described and presented in a separate letter report, and are briefly summarized in Section 1.3.1 of this Monitoring Event report.

This Monitoring Event report provides the results for the April 2000 monitoring/sampling event (Monitoring Event 16). The analytical data summary tables are presented in Appendix A. Appendix B provides field monitoring and sampling forms, Appendix C provides an analytical data quality review, and Appendix D provides the complete analytical laboratory report data.

1.2 MEASUREMENT OF WATER LEVEL ELEVATIONS

1.2.1 Field Activities

Water level measurements were obtained during Monitoring Event 16 on 27 and 29 March 2000 at the wells, piezometers, and surface water gauging locations indicated in Tables 1 and 2 for Sites 1 and 3 and Eastern Plume, respectively.

Figure 3 provides the locations of ground-water monitoring wells, piezometers, extraction wells, and surface water gauging stations where water elevation data are collected. Sampling and gauging procedures are detailed in the final report for Monitoring Event 4 (EA 1996) and in the final LTMP (EA 2000a).

A total of 2.04 in. of precipitation was measured 1 week prior to and during the March 2000 gauging period.

1.2.2 Results

Ground-water elevation data are provided in Tables 3 and 4 for Sites 1 and 3 and the Eastern Plume, respectively. Surface water gauging station data are also presented in Table 4. Daily

pumping rates for each extraction well for the period 1 October 1999 through 30 April 2000, which may affect ground-water potentiometric surface elevations, are provided in Table 5. During the well gauging conducted as part of Monitoring Event 16, the following exception to the final LTMP was noted:

- Water level measurements could not be obtained in the MW-202B (Sites 1 and 3) and piezometers P-110 and P-124 (Eastern Plume) because they were dry.

Shallow and deep potentiometric surface contour maps were prepared based on the water level data collected on 27 and 29 March 2000. The shallow potentiometric surface contour maps are based upon data from wells and piezometers screened in the upper stratified silt/sand unit, while the deep potentiometric surface contour maps are based upon data from wells and piezometers screened in the lower sand unit. The shallow interval is under unconfined conditions, while the deep interval is considered to be under semi-confined conditions due to the presence of the transition unit above and the Presumscot Clay formation below. The distinction between shallow and deep potentiometric surfaces was made to reflect differences in potentiometric head observed at depth in wells located across Sites 1 and 3 and the Eastern Plume, and to assess differing flow patterns which may be present in shallow and deep intervals. The interpreted ground-water flow direction for the 27 and 29 March 2000 gauging event is shown on Figure 5 for the shallow portions of the aquifer, and Figures 6 and 7 for the deep portions of the aquifer.

Note that wells MW-210A, MW-210R, and MW-211A located at Sites 1 and 3, and MW-308 and MW-309A in the Eastern Plume are screened in bedrock at significantly lower depths than the deep overburden wells. MW-309B, a shallow bedrock well, is currently considered to be representative of the deep flow system, and is included on deep potentiometric surface maps (Figure 6). Consistent with previous monitoring events, the measured water elevations at these bedrock wells showed differing water elevations compared to nearby wells screened in the deep overburden and, therefore, the data for these bedrock wells were not used in the development of overburden potentiometric surface contour maps.

At Sites 1 and 3, a comparison of water elevation data collected during long-term monitoring indicates water elevations have decreased in the vicinity of the slurry wall due to active pumping and placement of the slurry wall and landfill cap (Figure 8). The deepest known elevation of the bottom of waste material at Sites 1 and 3 has been reported to be 32.9 ft mean sea level (well MW-234R). The depth of ground water during March 2000 at monitoring well MW-234R was 32.35 ft mean sea level, which indicates at this time that none of the waste material was saturated at this location.

Repairs to MW-217A (separated at extension, approximately 10 ft below top of polyvinyl chloride casing), MW-309A (hole in steel casing), and MW-207A (hole in steel casing and broken polyvinyl chloride casing at ground surface) were completed prior to Monitoring Event 16. Observations made regarding well conditions during Monitoring Event 16 indicated that the well vault at EW-6 appears to be sinking. This will be investigated and a separate

memorandum/letter will discuss the findings and recommend options for repairs. The monitoring locations are secured with locks, and monitoring points are labeled.

1.3 GROUND-WATER MONITORING, SAMPLING, AND ANALYSIS

1.3.1 Field Activities

The ground-water sampling program was performed during the period 12-13 April and 18-21 April 2000 at Sites 1 and 3 and Eastern Plume. Dedicated Grundfos Redi-Flo2 stainless steel and Teflon® submersible pumping systems were utilized at a majority of the wells to permit sampling using the low flow sampling technique. Only 2 piezometers (P-106 and P-111) located in the Eastern Plume were sampled using a peristaltic pump due to small diameter casings.

At Sites 1 and 3, ground-water samples were collected from the 8 monitoring wells specified in the final LTMP (EA 2000a). At the Eastern Plume, ground-water samples were collected from 28 wells and piezometers, and 5 of 6 extraction wells specified in the final LTMP. Extraction well EW-3 continues to be offline due to well damage, and was not sampled as part of Monitoring Event 16.

The ground-water extraction and treatment system was operational for 99.7 percent of available hours during 1 October 1999 – 30 April 2000 (Table 5). The operational percentage value is obtained from the monthly ground-water extraction and treatment system reports (EA 1999b, 1999c, 2000b, 2000c, 2000d, 2000e, 2000f). The reasons for the operational interruptions and a statement of the corrective actions taken are provided in the ground-water extraction and treatment system monthly operations reports, and will also be provided in the 2000 Annual Report.

A pilot study was conducted at 10 monitoring wells at 3 separate intervals to assess whether aqueous diffusion samplers could be used to collect representative ground-water samples from monitoring wells compared to low flow sampling techniques currently being used at the Eastern Plume. On 29-30 March 2000, samplers were placed in 10 monitoring wells at 3 separate intervals (top, mid-point, and bottom) to assess the degree of vertical stratification of VOC concentrations in each monitoring well. The diffusion samplers were retrieved on 19-20 April 2000, after being allowed to equilibrate for approximately 21 days. Low flow ground-water sampling was conducted immediately following retrieval of the aqueous diffusion samplers from the wells.

A total of 6 monitoring wells included in the Long-Term Monitoring Program could not be sampled using a submersible pump and/or require extended sampling time due to high turbidity. Well redevelopment was completed at the following locations: MW-202A at Sites 1 and 3; and wells MW-309B, MW-313, MW-330, and MW-334, MW-305 at the Eastern Plume. The redevelopment task will be discussed and presented in a separate letter report.

Tables 1 and 2 provide lists of the wells/piezometers gauged and sampled during Monitoring Event 16. A detailed description of sample collection methods is provided in the final report for Monitoring Event 4 (EA 1996).

1.3.2 Water Quality Indicator Parameter Measurements

Water quality indicator parameters, including pH, conductivity, temperature, dissolved oxygen, and turbidity, were monitored to ensure stabilization of water quality prior to sample collection. Stabilization of water quality indicator parameters was considered achieved when measurements agreed to within 10 percent on 3 successive readings and turbidity was below 10 nephelometric turbidity units (NTUs). Although not required by the final LTMP, oxidation-reduction potential was recorded for informational purposes to assess geochemical conditions.

At Sites 1 and 3, 5 of 8 monitoring wells reached equilibrium of the water quality indicator parameters during well purging. Monitoring well MW-217B had no water quality parameters which did not stabilize to within 10 percent on 3 successive readings. It should be noted that the water level in MW-217B was gauged to be 1.5 ft from the top of the well pump intake. The pump was lowered so that the intake of the pump was 3 ft below the water level and then purged and sampled. Well MW-202A had 1 parameter (dissolved oxygen) which did not stabilize to within 10 percent. Well MW-218 had 3 water quality parameters (dissolved oxygen, oxidation-reduction potential, and turbidity) which did not stabilize to within 10 percent. It should be noted that the pump in well MW-218 would not draw down below 35 ft. The pump has been removed and will be checked prior to Monitoring Event 17 (September 2000). If necessary, the pump will be replaced. Water quality indicator parameters are not expected to affect the quality of the sample data.

At the Eastern Plume, 26 of 28 wells/piezometers reached equilibrium of the water quality indicator parameters during well purging. Monitoring wells MW-331 and MW-NASB-212 each had 1 water quality parameter (turbidity) which did not stabilize to within 10 percent on 3 successive readings. Eleven of 28 wells/piezometers sampled (MW-205, MW230A, MW-231A, MW231B, MW-306, MW-309B, MW-311, MW-313, MW-330, MW-334, and MW-NASB-212) reached equilibrium but had turbidity measurements in excess of 10 NTUs. These elevated turbidity measurements are not expected to impact the quality of the sample data.

1.3.3 Water Quality Indicator Parameter Results

Results of water quality indicator parameter monitoring at the time samples were collected are summarized in Tables 6 and 7 for ground-water samples collected at Sites 1 and 3 and the Eastern Plume, respectively. Water quality indicator parameters measured at the time the water samples were collected from extraction wells and treatment plant combined influent and treated effluent samples are summarized in Table 8. The Field Record of Well Gauging, Purging, and Sampling forms and Field Record of Surface Water/Sediment Sampling forms are provided in Appendix B.

Notable results of water quality indicator parameter measurements for ground water are described below for informational purposes, although sample data quality is not expected to be adversely impacted.

1.3.3.1 Sites 1 and 3

- Two of 8 wells (MW-217B and MW-218) had reported turbidity values in excess of 10 NTUs (1,020 and 26 NTU, respectively).

- Elevated levels of conductivity were measured at MW-217B and 218 (985 µmhos and 1,155 µmhos, respectively) compared to other wells at Sites 1 and 3. Monitoring well MW-217B is located within the Sites 1 and 3 landfill, and elevated conductivity results are consistent with previous samples collected from this well. Monitoring well MW-218 is located south of the landfill, and elevated conductivity has been reported sporadically throughout previous monitoring events.

- Elevated dissolved oxygen concentrations approaching saturation (>9.0 mg/L) were noted in 3 shallow wells at Sites 1 and 3: MW-203 (9.32 mg/L), MW-204 (10.50 mg/L), and MW-240 (9.79 mg/L), which is consistent with historic data.

- Reduced dissolved oxygen concentrations (<2.0 mg/L) were noted in 1 shallow and 1 deep monitoring wells at Sites 1 and 3. Shallow well MW-202A had a dissolved oxygen concentration of 1.90 mg/L, and deep monitoring well MW-218 had a dissolved oxygen concentration of 1.48 mg/L. These data are not consistent with previous data.

1.3.3.2 Eastern Plume

- Turbidity values below 10 NTUs were recorded at 16 of 28 monitoring wells and piezometers sampled. Turbidity values stabilized at all locations, except MW-NASB-212, prior to sample collection.

- Elevated dissolved oxygen concentrations exceeding saturation (>9.0 mg/L) were measured in samples from 5 wells at the Eastern Plume: MW-105A (9.40 mg/L), MW-225A (9.89 mg/L), MW-229A (11.36 mg/L), MW-231B (12.01 mg/L), and P-132 (9.17 mg/L).

- Reduced dissolved oxygen concentrations (<2.0 mg/L) were measured in the samples from 1 shallow, 9 deep, and 2 bedrock monitoring wells; and 1 shallow piezometer.

1.3.3.3 Ground-Water Extraction and Treatment System

- Elevated dissolved oxygen concentrations (>9.0 µg/L) were recorded in 4 of 5 active extraction wells sampled and in the combined effluent.

1.3.4 Ground-Water Analytical Program

Ground-water samples collected from Sites 1 and 3 and the Eastern Plume were submitted for analysis of Target Compound List VOCs by U.S. Environmental Protection Agency (EPA) Method 8260B. Ground-water samples collected from Sites 1 and 3 were further analyzed for Target Analyte List elements, including metals by inductively coupled plasma (EPA Method 6010), graphite furnace (EPA Method 7000 Series), and mercury by cold vapor atomic adsorption (EPA Method 7470).

Chromium was analyzed by inductively coupled plasma (EPA Method 6010) as specified in the final LTMP; the precision and accuracy objectives and reporting requirements identified in the draft final LTMP were met.

1.3.5 Ground-Water Sampling Results

1.3.5.1 Sites 1 and 3

Appendix A, Tables A-1 and A-2 provide a summary of the analytical results for the ground-water samples collected at Sites 1 and 3. Laboratory Form I tables are provided in Appendix D.

1.3.5.2 Eastern Plume

Table A-3 summarizes the analytical results for the ground-water samples collected at the Eastern Plume, and compares the analytical results for the pilot study aqueous diffusion sampling with the analytical results for low flow ground-water sampling at 10 wells at 3 separate intervals (top, mid-screen, and bottom). Laboratory Form I tables are provided in Appendix D.

1.3.5.3 Total Volatile Organic Compound Isoconcentration Maps

The detected total VOC concentrations and interpreted isocontours for wells screened in the unconfined shallow interval at Sites 1 and 3 and the Eastern Plume are shown on Figure 9.

The detected total VOC concentrations and interpreted isocontours for wells screened within the deep interval are shown on Figure 10.

1.3.5.4 Ground-Water Extraction and Treatment System

Table A-4 provides a summary of the VOCs detected in ground-water extraction wells, treatment system influent, and treatment system combined effluent samples collected at the ground-water extraction and treatment system. The laboratory data (Form I tables) are provided in Appendix D.

1.4 SURFACE WATER AND SEEP SAMPLING AND ANALYSIS

1.4.1 Sampling Activities

The surface water, leachate seep, and leachate seep sediment samples at Sites 1 and 3 and surface water and seep samples at Eastern Plume were collected on 13 April 2000 in accordance with the general methodologies established in the final LTMP (EA 2000a).

Surface water, leachate seep, and leachate seep sediment samples at Sites 1 and 3 and surface water and seep samples at the Eastern Plume were collected for analysis of Target Compound List VOCs by EPA Method 8260B. Selected surface water, leachate seep, and the leachate seep sediment samples at Sites 1 and 3 were additionally analyzed for Target Analyte List elements, including metals by inductively coupled plasma (EPA Method 6010), graphite furnace (EPA Method 7000 series), and mercury by cold vapor atomic adsorption (EPA Method 7470). Chromium was analyzed by inductively coupled plasma (EPA Method 6010). The precision and accuracy objectives and reporting requirements identified in the final LTMP were met.

1.4.2 Water Quality Indicator Parameter Measurement

Tables 9 and 10 provide a summary of the water quality indicator parameter measurements at the time the surface water and leachate seep samples were collected at Sites 1 and 3 and Eastern Plume, respectively. The field data sheets for these surface water and leachate seep sample locations are provided in Appendix B.

Notable results of water quality indicator parameters include the following:

- One leachate seep (SEEP-2) was dry; therefore, water quality parameters could not be measured.
- Leachate seep (SEEP-5) had the highest turbidity reading of all the leachate seeps at 820 NTUs.

1.4.3 Laboratory Results

1.4.3.1 Surface Water

Sites 1 and 3

Tables A-5 and A-6 provide a summary of the VOCs and Target Analyte List elements detected in surface water samples collected at Sites 1 and 3. The reports of laboratory analyses (Form I tables) are provided in Appendix D.

Eastern Plume

Table A-7 provides a summary of the constituents detected in surface water samples collected at the Eastern Plume. The reports of laboratory analyses (Form I tables) are provided in Appendix D.

1.4.3.2 Leachate Seep Samples

Sites 1 and 3

Tables A-8 and A-9 provide a summary of the constituents detected in leachate seep samples collected at Sites 1 and 3. The analytical reports (Form I tables) are provided in Appendix D.

Eastern Plume

Table A-10 provides a summary of the constituents detected in seep samples collected at Eastern Plume. The analytical reports (Form I tables) are provided in Appendix D.

1.4.3.3 Leachate Sediment Samples

Sites 1 and 3

Tables A-11 and A-12 provides a summary of the constituents detected in the leachate seep sediment samples collected at Sites 1 and 3. Analytical reports (Form I tables) are provided in Appendix D.

1.5 LANDFILL GAS MONITORING AND CAP INSPECTION

1.5.1 Monitoring and Inspection Activities

Gas probe monitoring was conducted at Sites 1 and 3 on 11 April 2000 to monitor potential subsurface gas migration, as specified in the final LTMP (EA 2000a). Landfill gas monitoring procedures were performed in accordance with the final LTMP (EA 2000a) and the final report for Monitoring Event 4 (EA 1996). Gas measurements were collected at 12 of the 14 gas vents (GV-1 through GV-11 and GV-14) located along the north and west sides of the landfill. Gas vents GV-12 and GV-13 could not be sampled because the installation of these gas vents was not completed. The gas probe casings were observed to be in good repair and locked, and appeared to be in good condition. Two gas vents (GV-1 and GV-14) were observed to have been completed with plastic impact barriers, although these vents are located in areas away from potential vehicular traffic. Animal burrowing was observed in the vicinity of gas vents GV-2 through GV-11; however, these burrows do not require repairs at this time.

The engineering inspection of the landfill cap and appurtenances was conducted on 11 April 2000. Areas repaired and seeded during the June 1999 landfill cap repair event were still in various stages of growth from the hydroseeding. Some minor erosion was noted along the perimeter of the south slope of the landfill. The minor erosion noted does not require repair at this time.

1.5.2 Landfill Gas Monitoring Results

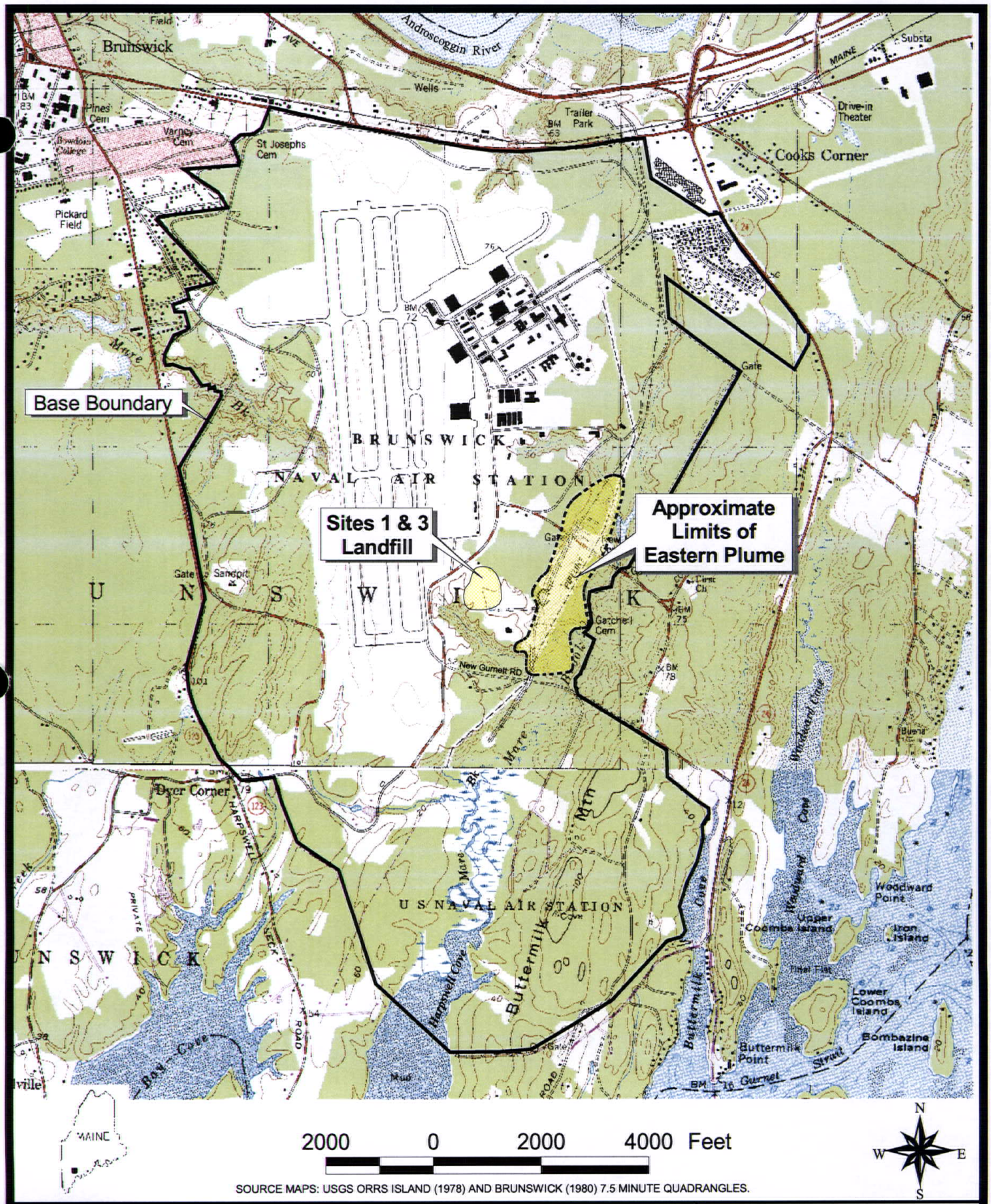
Table 11 provides a summary of landfill gas monitoring conducted at the gas probes and gas vents located at Sites 1 and 3. The sample data were recorded both in field logbooks and on the field record forms provided in Appendix B.

1.6 QUALITY ASSURANCE/QUALITY CONTROL

A rigorous quality assurance/quality control program is required to meet the data quality objectives of the aqueous and sediment sampling program, as outlined in the Quality Assurance Project Plan contained in the final LTMP (EA 2000a). The data obtained during the April 2000 sampling event were determined to be of sufficient quality to be used for the objectives specified in the final LTMP (EA 2000a).

1.7 ANALYTICAL DATA QUALITY REVIEW

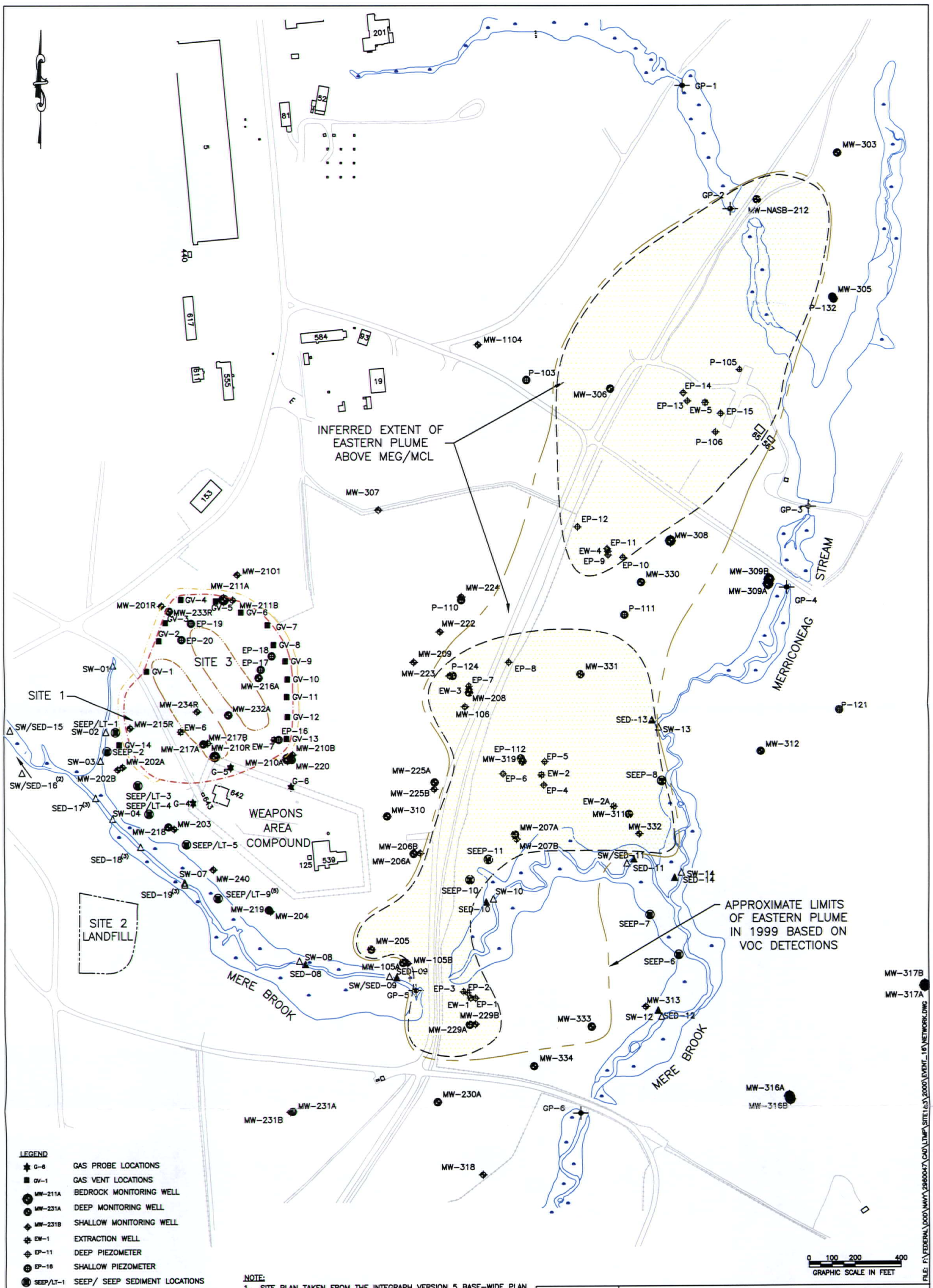
As required by the Quality Assurance Project Plan contained in the final LTMP (EA 2000a), a review of laboratory data was performed on selected quality control parameters to evaluate precision, accuracy, representativeness, completeness, and comparability and data quality objective requirements. A summary of the quality assurance/quality control analytical data is presented in Tables A-13 through A-15. A summary of the analytical data quality review for chemical data is provided in Appendix C. With consideration of the data qualifiers and notes provided in Appendix C, the data represented in this report were found to meet specified acceptance criteria and, therefore, represent data in compliance with the Quality Assurance Project Plan (EA 2000a). Method detection limits for sediment and aqueous media are included in Appendix C. Notable findings of the analytical data quality review are summarized in Table 12.



SOURCE MAPS: USGS ORRS ISLAND (1978) AND BRUNSWICK (1980) 7.5 MINUTE QUADRANGLES.

EA ENGINEERING, SCIENCE, AND TECHNOLOGY	SITES 1 AND 3 AND EASTERN PLUME NAVAL AIR STATION, BRUNSWICK, MAINE	FIGURE 1 SITE LOCATION MAP

PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT No	FILE No
PLN	BT	BT	ACE	AS SHOWN	6 MARCH 2000	29600.47	I:\NASB_GIS \NAVY.APR



LEGEND

G-6	GAS PROBE LOCATIONS
GV-1	GAS VENT LOCATIONS
MW-211A	BEDROCK MONITORING WELL
MW-231A	DEEP MONITORING WELL
MW-231B	SHALLOW MONITORING WELL
EW-1	EXTRACTION WELL
EP-11	DEEP PIEZOMETER
EP-16	SHALLOW PIEZOMETER
SEEP/LT-1	SEEP/ SEEP SEDIMENT LOCATIONS
SW/SED-17	SURFACE WATER/SEDIMENT
GP-5	SURFACE WATER GAUGING POINT
	INFERRED AREA ABOVE STATE MEG/FEDERAL MCL CONCENTRATION
	FENCE
	APPROXIMATE LIMITS OF SLURRY WALL
	APPROXIMATE LIMITS OF SITES 1 AND 3
	APPROXIMATE LIMITS OF FORMER DISPOSAL TRENCHES
	APPROXIMATE BOUNDARY OF SITE 2 LANDFILL
	APPROXIMATE LIMITS OF EASTERN PLUME IN 1999
	INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL

NOTE:

1. SITE PLAN TAKEN FROM THE INTEGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
2. SW-16 LOCATED APPROXIMATELY 1,000 FT UPSTREAM OF SITES 1 AND 3.
3. APPROXIMATE SAMPLE LOCATIONS SHOWN.
4. INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL BASED ON MONITORING EVENT 13 DATA (NOVEMBER 1998).
5. APPROXIMATE SAMPLE LOCATION SHOWN.

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

FIGURE 2

LONG-TERM MONITORING NETWORK

DATE	5 JUNE 2000
DESIGNED BY	PLN
DRAWN BY	SAP
CHECKED BY	PLN
PROJECT MANAGER	CEM

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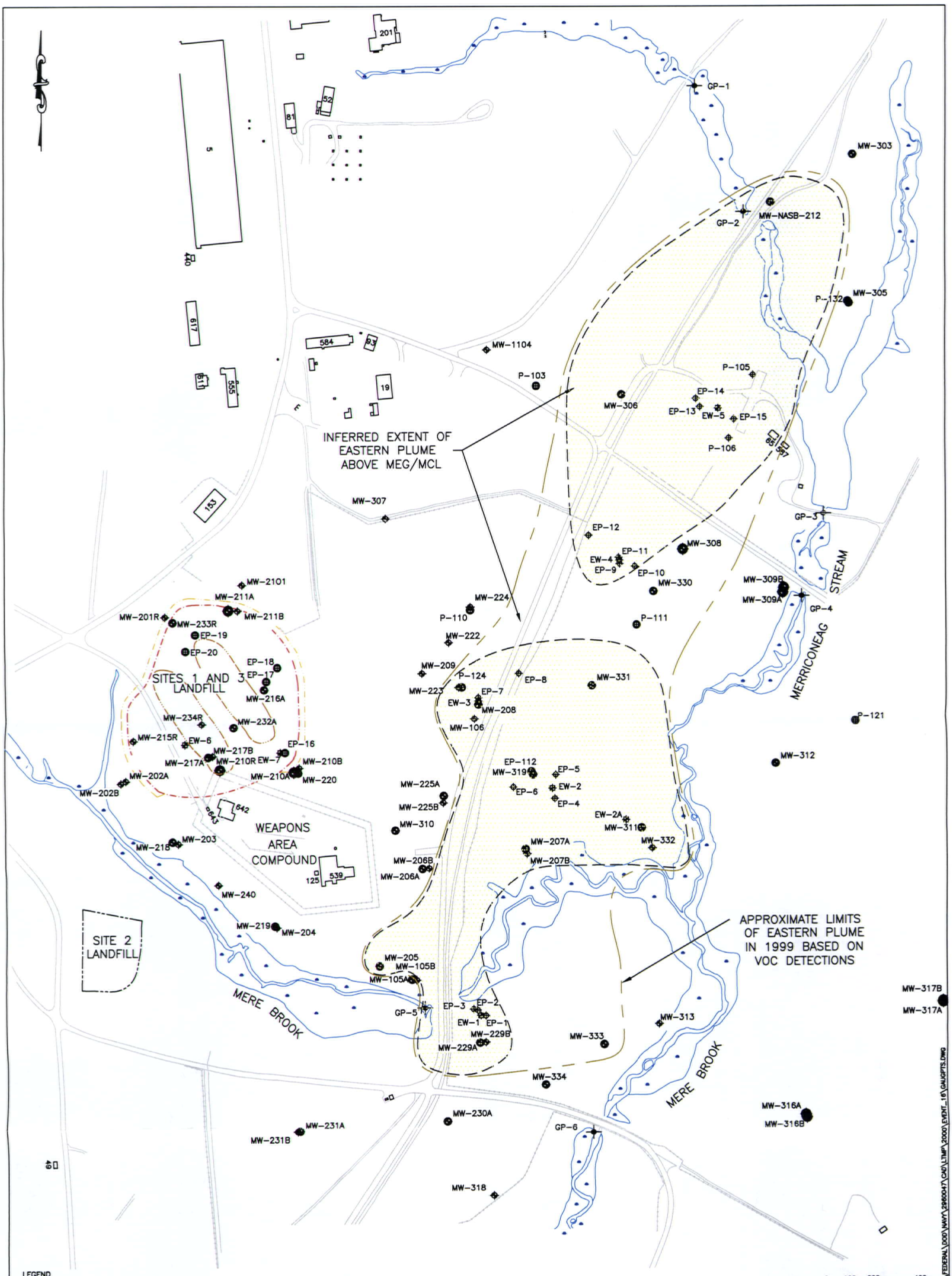
PROJECT NUMBER	29600.47
SCALE	1"=400'
FILE NAME	NETWORK.DWG
DRAWING NUMBER	–
SHEET NUMBER	–



FILE: F:\FEDERAL\DOD\NAVY\2960047\CAD\LTMP\2000\EVENT_16\GAUGPTS.DWG

LEGEND

- MW-211A — BEDROCK MONITORING WELL
- MW-231A — DEEP MONITORING WELL
- MW-231B — SHALLOW MONITORING WELL
- EW-1 — EXTRACTION WELL
- EP-11 — DEEP PIEZOMETER
- EP-16 — SHALLOW PIEZOMETER
- GP-5 — SURFACE WATER GAUGING POINT
- INFERRED AREA ABOVE STATE MEG/FEDERAL MCL CONCENTRATION
- APPROXIMATE LIMITS OF EASTERN PLUME IN 1999 INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL
- FENCE
- APPROXIMATE LIMITS OF SLURRY WALL
- APPROXIMATE LIMITS OF SITES 1 AND 3
- APPROXIMATE BOUNDARY OF SITE 2 LANDFILL
- APPROXIMATE LIMITS OF FORMER DISPOSAL TRENCHES

NOTE:

1. SITE PLAN TAKEN FROM THE INTEGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
2. INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL BASED ON MONITORING EVENT 16 DATA (APRIL 2000).

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

FIGURE 3

LONG-TERM MONITORING GAUGING LOCATIONS

DATE	5 JUNE 2000
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PROJECT MANAGER	CEM

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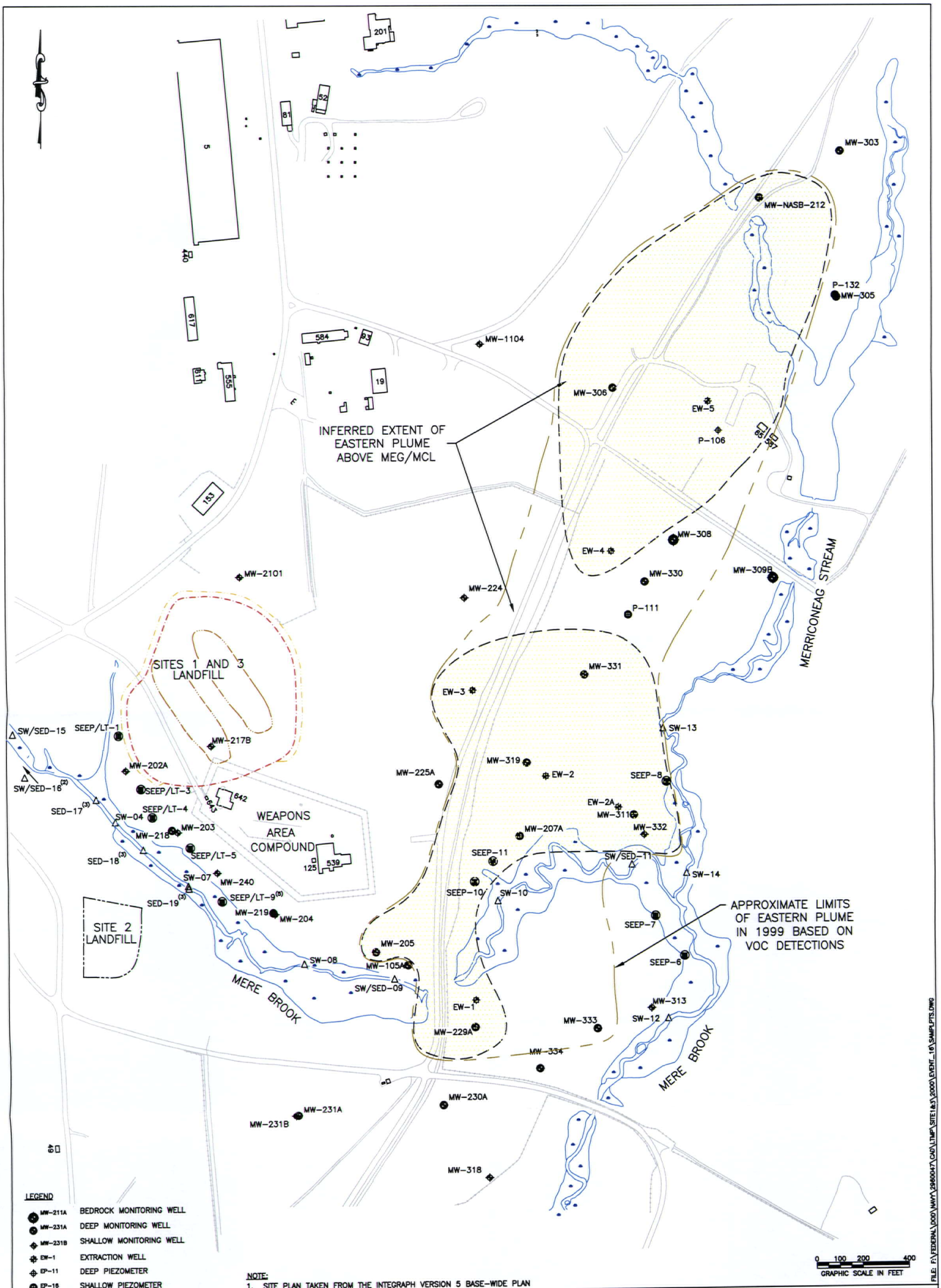
PROJECT NUMBER	29600.47
SCALE	1"=400'
FILE NAME	GAUGPTS.DWG
DRAWING NUMBER	–
SHEET NUMBER	–



LEGEND

MW-211A	BEDROCK MONITORING WELL
MW-231A	DEEP MONITORING WELL
MW-231B	SHALLOW MONITORING WELL
EW-1	EXTRACTION WELL
EP-11	DEEP PIEZOMETER
EP-16	SHALLOW PIEZOMETER
SEEP/LT-1	SEEP/SEEP SEDIMENT LOCATIONS
SW/SED-11	SURFACE WATER/SEDIMENT
	FENCE
	APPROXIMATE LIMITS OF SLURRY WALL
	APPROXIMATE LIMITS OF SITES 1 AND 3
	APPROXIMATE BOUNDARY OF SITE 2 LANDFILL
	APPROXIMATE LIMITS OF FORMER DISPOSAL TRENCHES
	APPROXIMATE LIMITS OF EASTERN PLUME IN 1999 INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL
	INFERRED AREA ABOVE STATE MEG/FEDERAL MCL CONCENTRATION

NOTE:

1. SITE PLAN TAKEN FROM THE INTEGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
2. SW-16 LOCATED APPROXIMATELY 1,000 FT UPSTREAM OF SITES 1 AND 3.
3. APPROXIMATE SAMPLE LOCATIONS SHOWN.
4. INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL BASED ON MONITORING EVENT 16 DATA (APRIL 2000).
5. APPROXIMATE SAMPLE LOCATION SHOWN.

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

FIGURE 4

LONG-TERM MONITORING SAMPLING LOCATIONS

DATE	5 JUNE 2000
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CHECKED BY	PLN
PROJECT MANAGER	CEM

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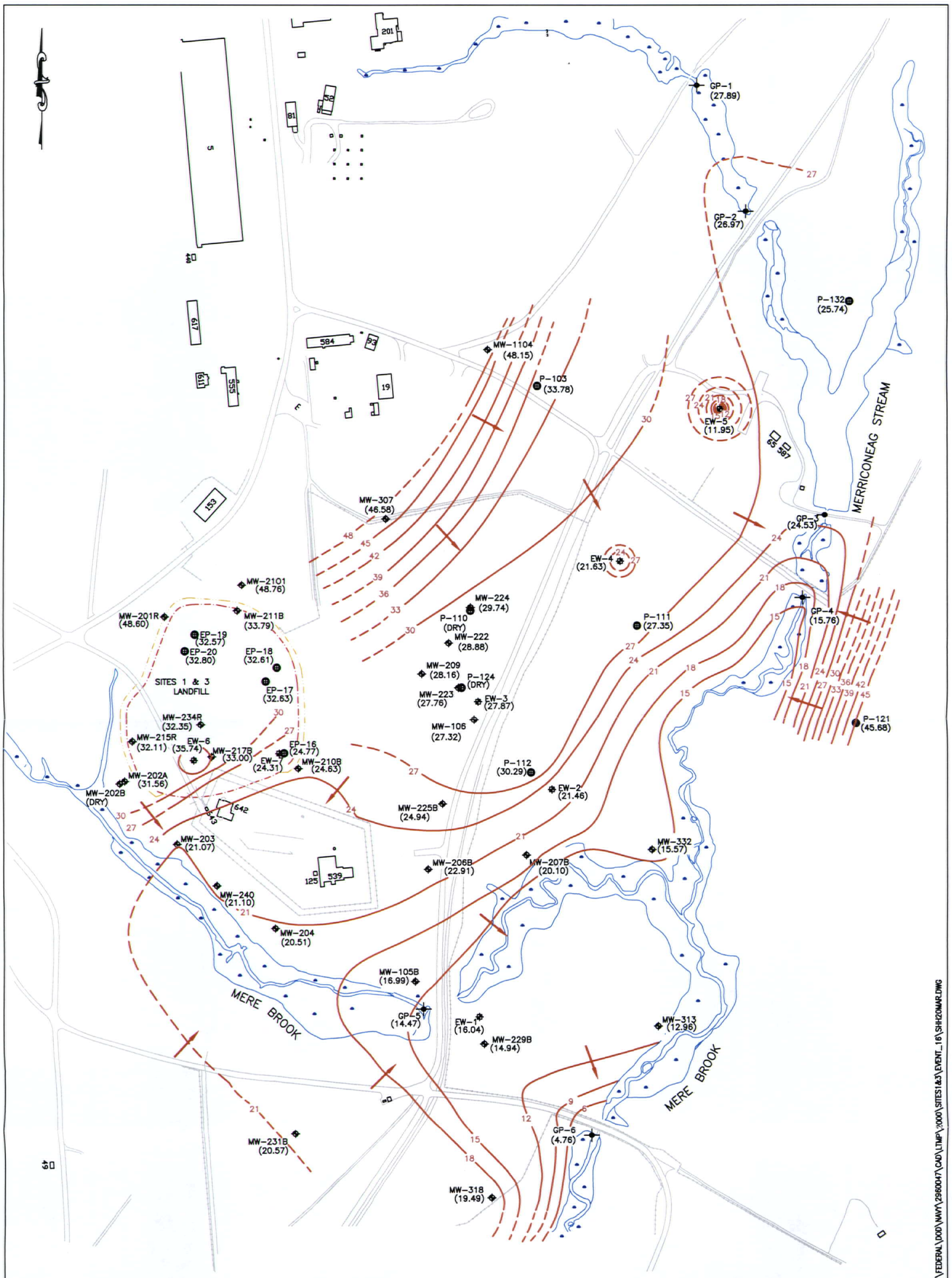
PROJECT NUMBER	29600.47
SCALE	1"=400'
FILE NAME	SAMPLPTS.DWG
DRAWING NUMBER	-
SHEET NUMBER	-

FILE: F:\FEDERAL\000\NAVY\29600447\CAD\LTMP\SITE1&3\2000\EVENT_16\SAMPLPTS.DWG



LEGEND

- MW-231B (20.57) SHALLOW MONITORING WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EW-1 (16.04) EXTRACTION WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EP-16 (24.77) SHALLOW PIEZOMETER (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- GP-5 (14.47) SHALLOW PIEZOMETER (SURFACE WATER ELEVATION, FT MSL)
- FENCE
- APPROXIMATE LIMITS OF SLURRY WALL
- APPROXIMATE LIMITS OF SITES 1 & 3
- 27 GROUND-WATER CONTOUR (FT MSL) (DASHED WHERE INFERRED)
- INFERRED GROUND-WATER FLOW DIRECTION

NOTE:

1. WATER LEVEL DATA COLLECTED 27–29 MARCH 2000. 2.04 IN. OF PRECIPITATION WAS NOTED 1 WEEK BEFORE AND DURING GAUGING PERIOD.
2. EXTRACTION WELLS EW-2A, EW-2, AND EW-5 WERE IN OPERATION DURING WELL GAUGING ACTIVITY.
3. CONTOUR INTERVAL = 3 FT.
4. SITE PLAN TAKEN FROM THE INTEGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
5. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.

0 100 200 400
GRAPHIC SCALE IN FEET

FILE: F:\FEDERAL\DOD\NAVY\2960047\CAD\LTMP\2000\SITES1&3\EVENT_16\SHH20MAR.DWG

SITES 1 & 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

FIGURE 5
INTERPRETED SHALLOW GROUND-WATER POTENTIOMETRIC SURFACE CONTOUR MAP, 27 AND 29 MARCH 2000

DATE	5 JUNE 2000
DESIGNED BY	PLN
DRAWN BY	SAP
CHECKED BY	PLN
PROJECT MANAGER	PLN

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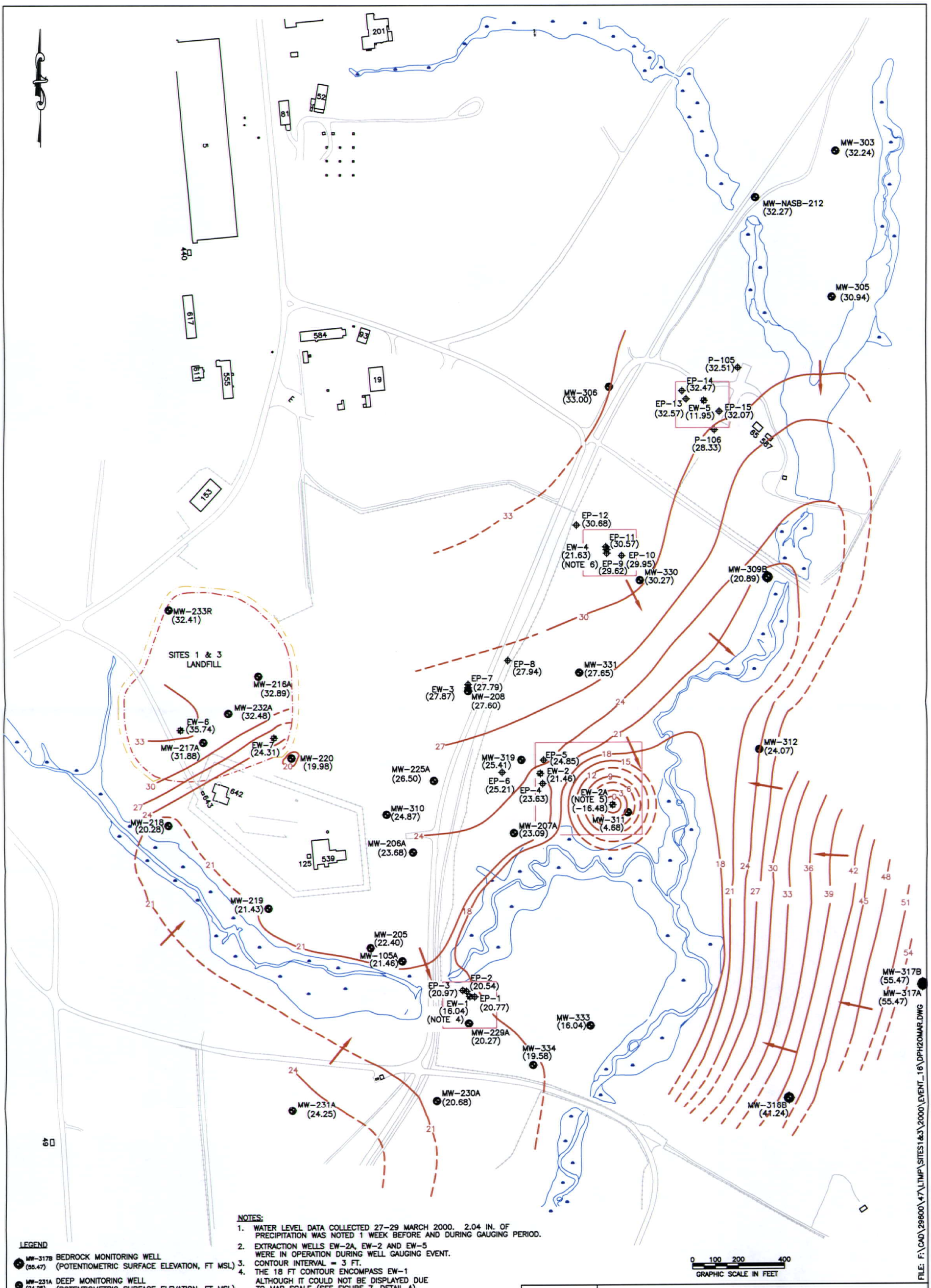
PROJECT NUMBER	29600.47
SCALE	1"=400'
FILE NAME	SHH20MAR.DWG
DRAWING NUMBER	–
SHEET NUMBER	–



FILE: F:\CAD\29600\47\LTMP\SITES1&3\2000\EVENT_16\DPH20MAR.DWG

NOTES:

1. WATER LEVEL DATA COLLECTED 27-29 MARCH 2000. 2.04 IN. OF PRECIPITATION WAS NOTED 1 WEEK BEFORE AND DURING GAUGING PERIOD.
2. EXTRACTION WELLS EW-2A, EW-2 AND EW-5 WERE IN OPERATION DURING WELL GAUGING EVENT.
3. CONTOUR INTERVAL = 3 FT.
4. THE 18 FT CONTOUR ENCOMPASS EW-1 ALTHOUGH IT COULD NOT BE DISPLAYED DUE TO MAP SCALE (SEE FIGURE 7, DETAIL A).
5. THE -3, -6, -9, -12, AND -15 FT CONTOURS ENCOMPASS EW-2A ALTHOUGH THEY COULD NOT BE DISPLAYED DUE TO MAP SCALE (SEE FIGURE 7, DETAIL B).
6. THE 30, 27, AND 24 FT CONTOURS ENCOMPASS EW-4 ALTHOUGH THEY COULD NOT BE DISPLAYED DUE TO MAP SCALE (SEE FIGURE 7, DETAIL C).
7. THE 30, 27, 24, 21, 18, 15, AND 12 FT CONTOURS ENCOMPASS EW-5 ALTHOUGH THEY COULD NOT BE DISPLAYED DUE TO MAP SCALE (SEE FIGURE 7, DETAIL D).
8. SITE PLAN TAKEN FROM THE INTEGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
9. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.

LEGEND

- MW-317B (55.47) BEDROCK MONITORING WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- MW-231A (24.25) DEEP MONITORING WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EW-1 (16.04) EXTRACTION WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EP-11 (30.57) DEEP PIEZOMETER (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- FENCE
- APPROXIMATE LIMITS OF SLURRY WALL
- APPROXIMATE LIMITS OF SITES 1 & 3
- 27 GROUND-WATER CONTOUR (FT MSL) (DASHED WHERE INFERRED)
- INFERRED GROUND-WATER FLOW DIRECTION
- BOXED AREA IS DETAILED ON FIGURE 7

SITES 1 & 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

FIGURE 6

INTERPRETED DEEP GROUND-WATER POTENTIOMETRIC SURFACE CONTOUR MAP, 27 AND 29 MARCH 2000

DATE	22 JUNE 2000
DESIGNED BY	PLN
DRAWN BY	SAP
CHECKED BY	PLN
PROJECT MANAGER	PLN
PROJECT NUMBER	29600.47
SCALE	1"=400'
FILE NAME	DPH20MAR.DWG
DRAWING NUMBER	–
SHEET NUMBER	–

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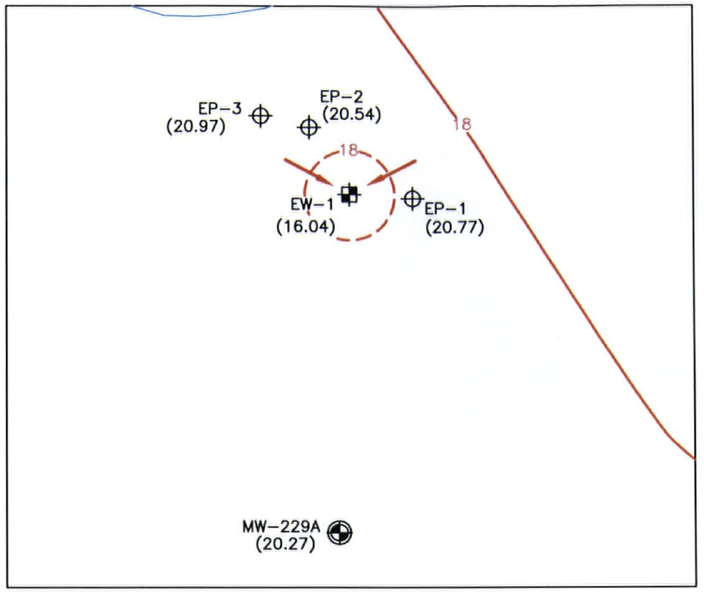
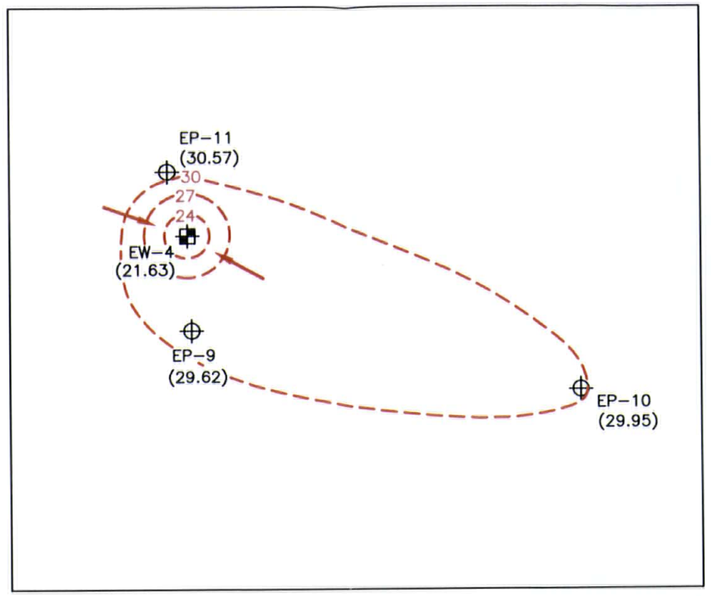


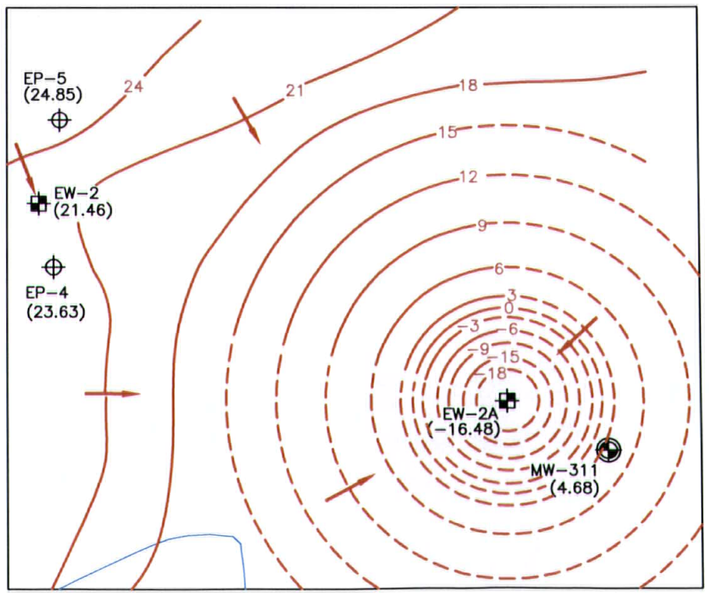
DETAIL A

0 25 50
GRAPHIC SCALE IN FEET



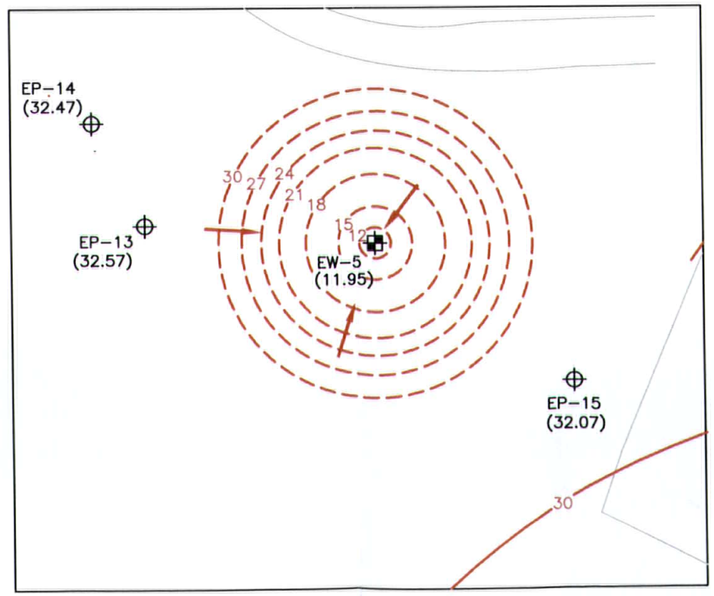
DETAIL C

0 10 20
GRAPHIC SCALE IN FEET



DETAIL B

0 25 50 100
GRAPHIC SCALE IN FEET



DETAIL D

0 25 50
GRAPHIC SCALE IN FEET

LEGEND

- MW-229A (20.27) — DEEP MONITORING WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EW-1 (16.04) — EXTRACTION WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EP-1 (20.77) — PIEZOMETER (WATER TABLE ELEVATION, FT MSL)
- 27 — GROUND-WATER CONTOUR (FT MSL) (DASHED WHERE INFERRED)
- INFERRED GROUND-WATER FLOW DIRECTION

NOTES:

1. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.
2. INFERRED CONE OF DEPRESSION SHOWN WHERE MINIMAL DATA IS PRESENT. CONE OF DEPRESSION MAY BE SMALLER THAN INFERRED SIZE.

FILE: F:\FEDERAL\DOD\NAVY\2960047\CAD\LTMP\2000\SITES1&3\EVENT_16\DPEXMAR.DWG

SITES 1 & 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

FIGURE 7

EXTRACTION WELL DETAIL MAP, 27–29 MARCH 2000
DEEP POTENTIOMETRIC SURFACE

DATE	5 JUNE 2000
DESIGNED BY	PLN
DRAWN BY	SAP
CHECKED BY	PLN
PROJECT MANAGER	PLN

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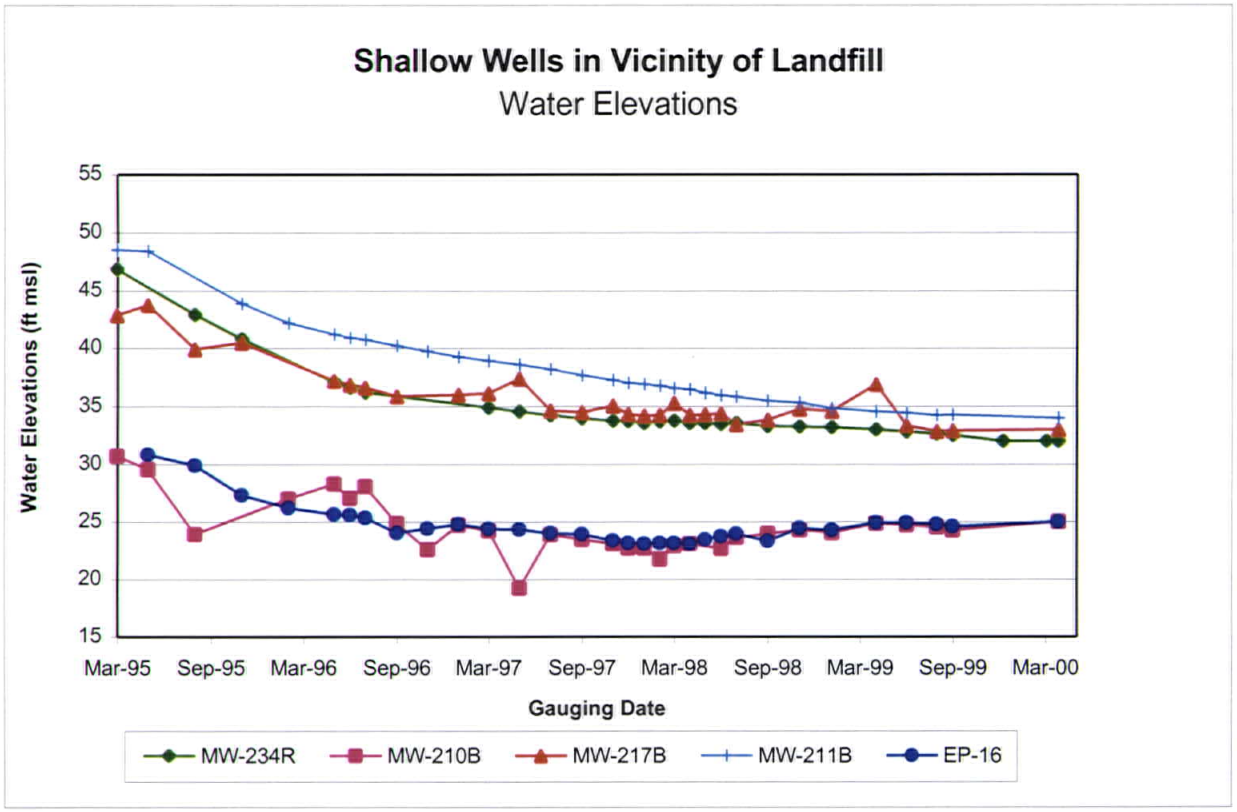
PROJECT NUMBER	29600.47
SCALE	AS SHOWN
FILE NAME	DPEXMAR.DWG
DRAWING NUMBER	--
SHEET NUMBER	--



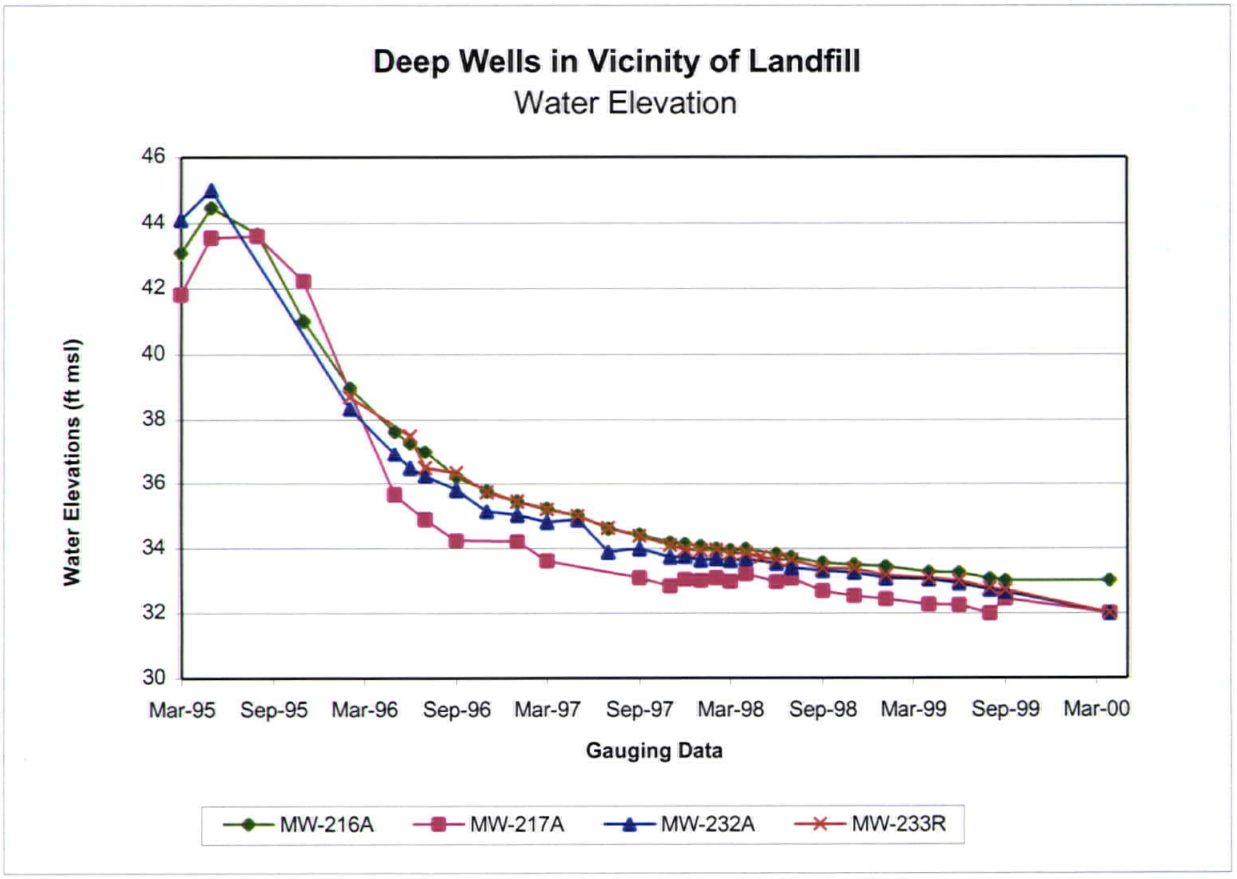


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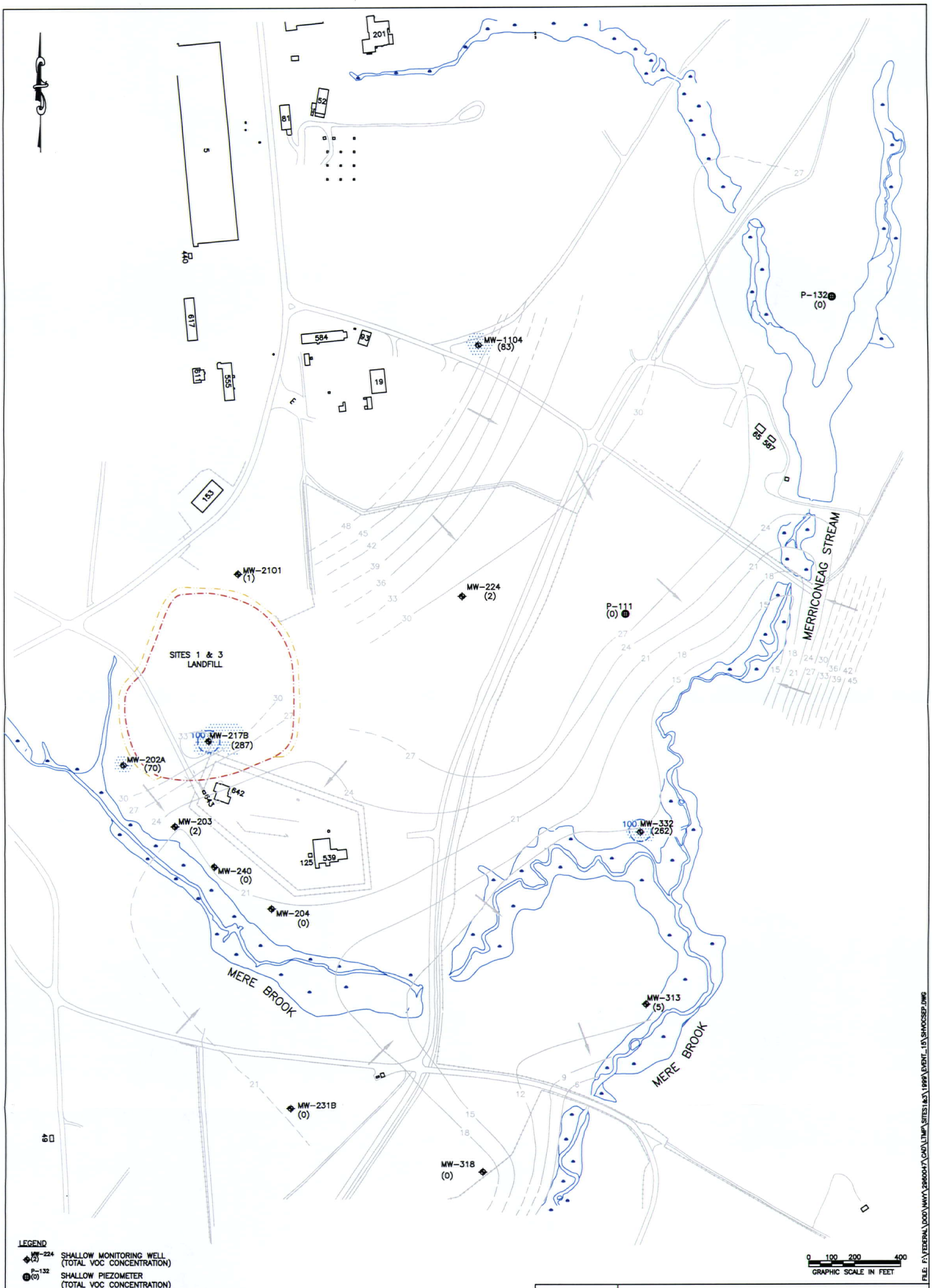
Figure 8: Water elevations within Sites 1 and 3 Landfill, shallow and deep wells.



LEGEND

- MW-224 (2) — SHALLOW MONITORING WELL (TOTAL VOC CONCENTRATION)
- P-132 (0) — SHALLOW PIEZOMETER (TOTAL VOC CONCENTRATION)
- INFERRED AREA ABOVE STATE MEG/FEDERAL MCL CONCENTRATION
- 100 — 100 ug/L TOTAL VOC CONTOUR (DASHED WHERE INFERRED)
- FENCE
- APPROXIMATE LIMITS OF SLURRY WALL
- APPROXIMATE LIMITS OF SITES 1 & 3
- 27 — GROUND-WATER CONTOUR (FT MSL) FOR 27-29 MARCH 2000 FROM FIGURE 5 (DASHED WHERE INFERRED)
- INFERRED GROUND-WATER FLOW DIRECTION

NOTE:

1. SITE PLAN TAKEN FROM THE INTEGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
2. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.

SITES 1 & 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

FIGURE 9

INTERPRETED TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION CONTOUR MAP SHALLOW WELLS, MONITORING EVENT 16

DATE	5 JUNE 2000
DESIGNED BY	PLN
DRAWN BY	SAP
CHECKED BY	PLN
PROJECT MANAGER	PLN

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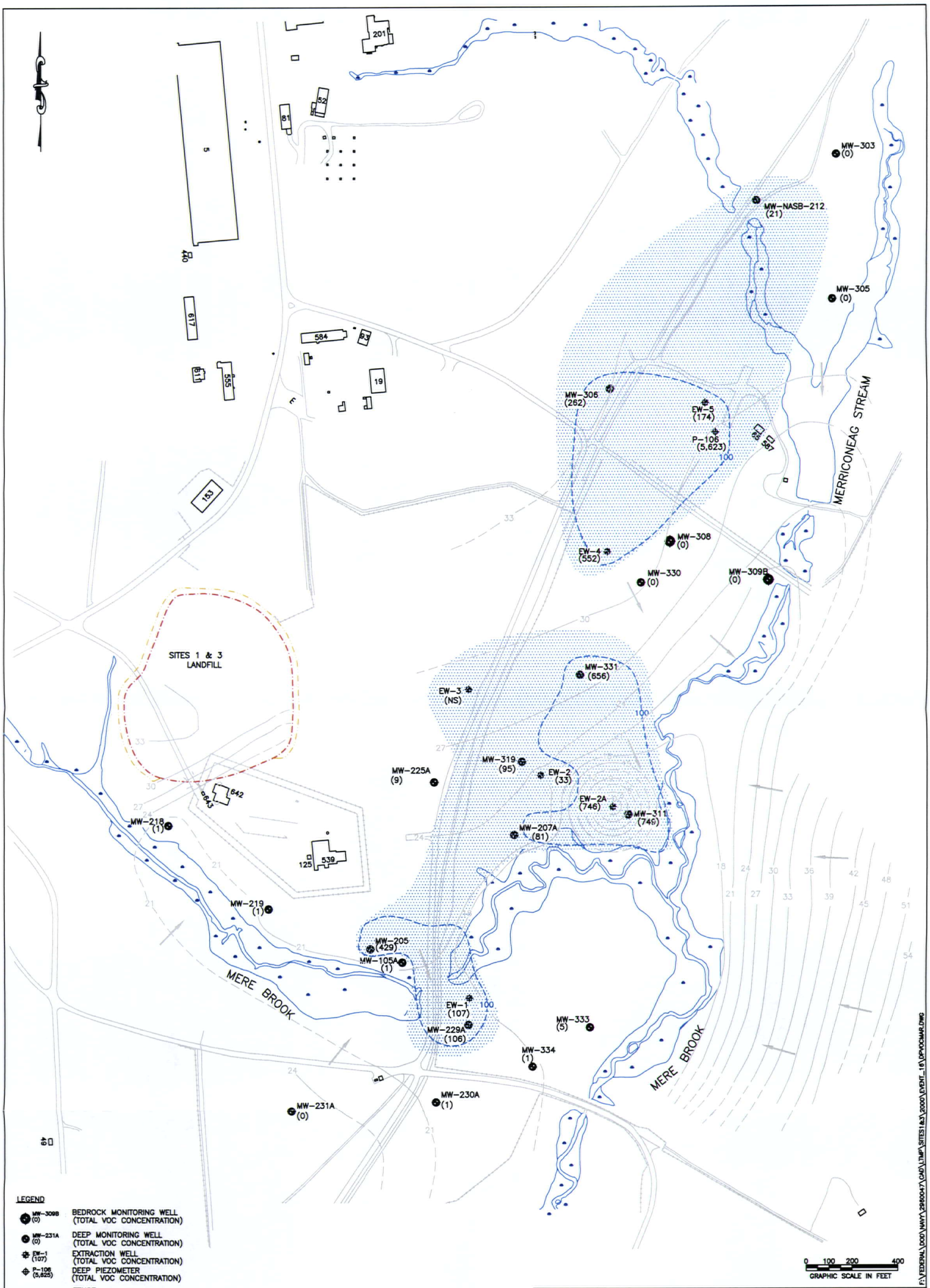
PROJECT NUMBER	29600.47
SCALE	1"=400'
FILE NAME	SHVOCMAR.DWG
DRAWING NUMBER	–
SHEET NUMBER	–

FILE: F:\FEDERAL\DOD\NAVY\2960047\CAD\LTMP\SITES1&3\1999\EVENT_15\SHVOCSEP.DWG



LEGEND

- MW-309B (0) — BEDROCK MONITORING WELL (TOTAL VOC CONCENTRATION)
- MW-231A (0) — DEEP MONITORING WELL (TOTAL VOC CONCENTRATION)
- EW-1 (107) — EXTRACTION WELL (TOTAL VOC CONCENTRATION)
- P-106 (5,625) — DEEP PIEZOMETER (TOTAL VOC CONCENTRATION)
- FENCE
- APPROXIMATE LIMITS OF SLURRY WALL
- APPROXIMATE LIMITS OF SITES 1 & 3
- INFERRED AREA ABOVE STATE MEG/FEDERAL MCL CONCENTRATION
- 100 — 100 ug/L TOTAL VOC CONTOUR (DASHED WHERE INFERRED)
- NS — NOT SAMPLED
- 27 — GROUND-WATER CONTOUR (FT MSL) FOR 27-29 MARCH 2000 FROM FIGURE 6 (DASHED WHERE INFERRED)
- INFERRED GROUND-WATER FLOW DIRECTION

NOTE:

1. SITE PLAN TAKEN FROM THE INTEGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
2. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.
3. HIGHEST VALUE SHOWN AT DUPLICATE SAMPLE LOCATIONS.

SITES 1 & 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

FIGURE 10
INTERPRETED TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION CONTOUR MAP
DEEP WELLS, MONITORING EVENT 16

DATE	5 MARCH 2000
DESIGNED BY	PLN
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PROJECT MANAGER	CEM

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PROJECT NUMBER	29600.47
SCALE	1"=400'
FILE NAME	dpvocmar.DWG
DRAWING NUMBER	–
SHEET NUMBER	–

TABLE 1 SUMMARY OF LONG-TERM MONITORING PROGRAM AT SITES 1 AND 3

Sample Type/Location	Monitoring Frequency	Slurry Wall	Sample Parameters			Monitoring Event 16	
			TCL VOC	TAL Elements	Field Parameters[a]	Gauged	Sampled
Shallow Monitoring Wells							
MW-201R	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-202A	Bi-Annual	Outside	X	X	X	X	X
MW-202B	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-203	Bi-Annual	Outside	X	X	X	X	X
MW-204	Bi-Annual	Outside	X	X	X	X	X
MW-210B	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-211B	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-215R	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-217B	Bi-Annual	Inside	X	X	X	X	X
MW-234R	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-240	Bi-Annual	Outside	X	X	X	X	X
MW-2101	Bi-Annual	Outside	X	X	X	X	X
Deep Monitoring Wells							
MW-216A	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-217A	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-218	Bi-Annual	Outside	X	X	X	X	X
MW-219	Bi-Annual	Outside	X	X	X	X	X
MW-220	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-232A	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-233R	Bi-Annual	Inside	NR	NR	NR	X	NR
Bedrock Wells							
MW-210A	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-210R	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-211A	Bi-Annual	Inside	NR	NR	NR	X	NR
Extraction Wells							
EW-6	Bi-Annual	Inside	NR	NR	NR	X	NR
EW-7	Bi-Annual	Inside	NR	NR	NR	X	NR
Shallow EP-Series Piezometers							
EP-16	Bi-Annual	Inside	NR	NR	NR	X	NR
EP-17	Bi-Annual	Inside	NR	NR	NR	X	NR
EP-18	Bi-Annual	Inside	NR	NR	NR	X	NR
EP-19	Bi-Annual	Inside	NR	NR	NR	X	NR
EP-20	Bi-Annual	Inside	NR	NR	NR	X	NR

(a) Determination of field parameters in accordance with EPA/600/4-79/020 using the following methods: pH (Method 150.1), temperature (Method 170.1), specific conductance (Method 120.1), and turbidity (Method 180.1); optional field parameters, including dissolved oxygen (Method 360.1) and Eh, were also recorded. Includes water level measurement.

NOTE: TCL = Target Compound List.
VOC = Volatile organic compounds (EPA SW846).
TAL = Target Analyte List.
NR = Not required.

Sample Type/Location	Monitoring Frequency	Sample Parameters			Monitoring Event 16	
		TCL VOC	TAL Elements	Field Parameters[a]	Gauged	Sampled
Leachate Station Seep						
SEEP-1	Bi-Annual	X	X	X	X[b]	X
SEEP-3	Bi-Annual	X	X	X	X[b]	X
SEEP-4	Bi-Annual	X	X	X	X[b]	X
SEEP-5	Bi-Annual	X	X	X	X[b]	X
SEEP-9	Bi-Annual	X	X	X	X[b]	X
Leachate Station Sediment						
LT-1	Bi-Annual	X	X	NR	NR	X
LT-3	Bi-Annual	X	X	NR	NR	X
LT-4	Bi-Annual	X	X	NR	NR	X
LT-5	Bi-Annual	X	X	NR	NR	X
LT-9	Bi-Annual	X	X	NR	NR	X
Surface Water						
SW-4	Bi-Annual	X	X	X	X[b]	X
SW-7	Bi-Annual	X	X	X	X[b]	X
SW-8	Bi-Annual	X	X	X	X[b]	X
SW-9	Bi-Annual	X	X	X	X[b]	X
SW-15[c]	Bi-Annual	NR	X	X	X[b]	X
SW-16[c]	Bi-Annual	NR	X	X	X[b]	X
Sediment						
SED-9	Annual	NR	X	NR	NR	NR
SED-15[d]	Annual	NR	X	NR	NR	NR
SED-16[d]	Annual	NR	X	NR	NR	NR
SED-17	Annual	NR	X	NR	NR	NR
SED-18	Annual	NR	X	NR	NR	NR
SED-19	Annual	NR	X	NR	NR	NR

(b) Field measurement of water quality indicator parameters only.
(c) Surface water locations SW-15 and SW-16 are currently sampled as part of the Naval Air Station (NAS) Brunswick sampling program. These samples are only collected in September, and the analytical results are summarized in the September monitoring event report. NAS Brunswick does not measure field parameters; however, if NAS Brunswick discontinues collection of these samples, EA will begin collecting them as per the final Long-Term Monitoring Plan.
(d) Sediment location SED-15 and SED-16 are currently sampled as part of the NAS Brunswick sampling program. These samples are only collected in September, and the analytical results are summarized in the September monitoring event report. NAS Brunswick does not measure field parameters; however, if NAS Brunswick discontinues collection of these samples, EA will begin collecting them as per the final Long-Term Monitoring Plan.

TABLE 2 SUMMARY OF LONG-TERM MONITORING PROGRAM AT EASTERN PLUME

Sample Type/Location	Monitoring Frequency	Well Location	Sample Parameters		Monitoring Event 16	
			TCL VOC	Field Parameters[a]	Gauged	Sampled
Shallow Monitoring Wells						
MW-105 B	Bi-Annual	Perimeter	X	X	X	X
MW-106	Bi-Annual	NA	NR	NR	X	NR
MW-206 B	Bi-Annual	NA	NR	NR	X	NR
MW-207 B	Bi-Annual	NA	NR	NR	X	NR
MW-209	Bi-Annual	NA	NR	NR	X	NR
MW-222	Bi-Annual	NA	NR	NR	X	NR
MW-223	Bi-Annual	NA	NR	NR	X	NR
MW-224	Bi-Annual	Perimeter	X	X	X	X
MW-225 B	Bi-Annual	NA	NR	NR	X	NR
MW-229 B	Bi-Annual	NA	NR	NR	X	NR
MW-231B	Bi-Annual	Sentinel	X	X	X	X
MW-307	Bi-Annual	NA	NR	NR	X	NR
MW-313	Bi-Annual	Sentinel	X	X	X	X
MW-318	Bi-Annual	Sentinel	X	X	X	X
MW-332	Bi-Annual	Interior Plume	X	X	X	X
MW-1104	Bi-Annual	Perimeter	X	X	X	X
Deep Monitoring Wells						
MW-105 A	Bi-Annual	Perimeter	X	X	X	X
MW-205	Bi-Annual	Interior Plume	X	X	X	X
MW-206 A	Bi-Annual	NA	NR	NR	X	NR
MW-207 A	Bi-Annual	Interior Plume	X	X	X	X
MW-208	Bi-Annual	NA	NR	NR	X	NR
MW-225 A	Bi-Annual	Perimeter	X	X	X	X
MW-229 A	Bi-Annual	Perimeter	X	X	X	X
MW-230 A	Bi-Annual	Sentinel	X	X	X	X
MW-231A	Bi-Annual	Sentinel	X	X	X	X
MW-303	Bi-Annual	Sentinel	X	X	X	X
MW-305	Bi-Annual	Sentinel	X	X	X	X

(a) Determination of field parameters in accordance with EPA/600/4-79/020 using the following methods: pH (Method 150.1), temperature (Method 170.1), specific conductance (Method 120.1), and turbidity (Method 180.1); optional field parameters, including dissolved oxygen (Method 360.1) and Eh, were also recorded. Includes water level measurement.

NOTE:
- TCL = Target Compound List.
- VOC = Volatile organic compounds.
- NA = Not applicable. Well is not sampled, therefore, location is not indicated.
- NR = Sampling is not required as per draft final Long-Term Monitoring Plan (EA 1999).
- Perimeter Well = Located at the edge of the plume to monitor concentrations of plume boundary.
- Sentinel Well = Outside area of known contamination to be used to warn of plume migration.
- Interior Plume Well = Within area of known contamination to monitor plume migration.

Sample Type/Location	Monitoring Frequency	Well Location	Sample Parameters		Monitoring Event 16	
			TCL VOC	Field Parameters[a]	Gauged	Sampled
Deep Monitoring Wells (Continued)						
MW-306	Bi-Annual	Perimeter	X	X	X	X
MW-310	Bi-Annual	NA	NR	NR	X	NR
MW-311	Bi-Annual	Interior Plume	X	X	X	X
MW-312	Bi-Annual	NA	NR	NR	X	NR
MW-319	Bi-Annual	Interior Plume	X	X	X	X
MW-330	Bi-Annual	Perimeter	X	X	X	X
MW-331	Bi-Annual	Interior Plume	X	X	X	X
MW-333	Bi-Annual	Sentinel	X	X	X	X
MW-334	Bi-Annual	Sentinel	X	X	X	X
MW-NASB-212	Bi-Annual	Perimeter	X	X	X	X
Bedrock Monitoring Wells						
MW-308	Bi-Annual	Sentinel	X	X	X	X
MW-309 A	Bi-Annual	NA	NR	NR	X	NR
MW-309 B	Bi-Annual	Sentinel	X	X	X	X
MW-316A	Bi-Annual	NA	NR	NR	X	NR
MW-316B	Bi-Annual	NA	NR	NR	X	NR
MW-317A	Bi-Annual	NA	NR	NR	X	NR
MW-317B	Bi-Annual	NA	NR	NR	X	NR
Shallow P-Series Piezometers						
P-103	Bi-Annual	NA	NR	NR	X	NR
P-110	Bi-Annual	NA	NR	NR	X	NR
P-111	Bi-Annual	Perimeter	X	X	X	X
P-112	Bi-Annual	NA	NR	NR	X	NR
P-121	Bi-Annual	NA	NR	NR	X	NR
P-124	Bi-Annual	NA	NR	NR	X	NR
P-132	Bi-Annual	Sentinel	X	X	X	X
Deep P-Series Piezometers						
P-105	Bi-Annual	NA	NR	NR	X	NR
P-106	Bi-Annual	Interior Plume	X	X	X	X
Extraction Wells						
EW-1	Bi-Annual	Interior Plume	X	X	X	X
EW-2	Bi-Annual	Interior Plume	X	X	X	X
EW-2A	Bi-Annual	Interior Plume	X	X	X	X
EW-3	Bi-Annual	Interior Plume	NS	NS	X	NS
EW-4	Bi-Annual	Interior Plume	X	X	X	X
EW-5	Bi-Annual	Interior Plume	X	X	X	X

NOTE: NS = EW-3 was offline for maintenance.

Sample Type/Location	Monitoring Frequency	Well Location	Sample Parameters		Monitoring Event 16	
			TCL VOC	Field Parameters[a]	Gauged	Sampled
Deep EP-Series Piezometers						
EP-1	Bi-Annual	NA	NR	NR	X	NR
EP-2	Bi-Annual	NA	NR	NR	X	NR
EP-3	Bi-Annual	NA	NR	NR	X	NR
EP-4	Bi-Annual	NA	NR	NR	X	NR
EP-5	Bi-Annual	NA	NR	NR	X	NR
EP-6	Bi-Annual	NA	NR	NR	X	NR
EP-7	Bi-Annual	NA	NR	NR	X	NR
EP-8	Bi-Annual	NA	NR	NR	X	NR
EP-9	Bi-Annual	NA	NR	NR	X	NR
EP-10	Bi-Annual	NA	NR	NR	X	NR
EP-11	Bi-Annual	NA	NR	NR	X	NR
EP-12	Bi-Annual	NA	NR	NR	X	NR
EP-13	Bi-Annual	NA	NR	NR	X	NR
EP-14	Bi-Annual	NA	NR	NR	X	NR
EP-15	Bi-Annual	NA	NR	NR	X	NR
Surface Water						
SW-10	Bi-Annual		X	X	X[b]	X
SW-11	Bi-Annual		X	X	X[b]	X
SW-12	Bi-Annual		X	X	X[b]	X
SW-13	Bi-Annual		X	X	X[b]	X
SW-14	Bi-Annual		X	X	X[b]	X
GP-1	Bi-Annual		NR	NR	X	NR
GP-2	Bi-Annual		NR	NR	X	NR
GP-3	Bi-Annual		NR	NR	X	NR
GP-4	Bi-Annual		NR	NR	X	NR
GP-5	Bi-Annual		NR	NR	X	NR
GP-6	Bi-Annual		NR	NR	X	NR
Seep						
SEEP-10[c]	Bi-Annual		X	X	NR	X
SEEP-11[c]	Bi-Annual		X	X	NR	X

(b) Measurement of water quality indicator parameters only.
(c) Seep sample locations SEEP-10 and SEEP-11 were agreed upon at the 11 April 2000 Technical Meeting and added to the Long-Term Monitoring Program.

TABLE 3 MONITORING WELL GAUGING SUMMARY FOR 27 MARCH 2000 SITES 1 AND 3

Well Designation	Well Riser Elevation (ft MSL)	Depth to Well Bottom (ft below top of well riser)	Slurry Wall	Depth to Water (ft below top of well riser)	Ground-Water Elevation (ft MSL)
Shallow Monitoring Wells					
MW-201R	58.88	49.08	Outside	10.28	48.60
MW-202A	52.4	31.09	Outside	20.84	31.56
MW-202B	53.04	18.12	Outside	---	---
MW-203	52.75	42.04	Outside	31.68	21.07
MW-204	50.5	37.18	Outside	29.99	20.51
MW-210B	54.72	40.50	Outside	30.09	24.63
MW-211B	65.44	36.50	Inside	31.65	33.79
MW-215R	62.26	59.00	Inside	30.15	32.11
MW-217B	61.25	32.90	Inside	28.25	33.00
MW-234R	68.55	59.52	Inside	36.20	32.35
MW-240	52.21	42.60	Outside	31.11	21.10
MW-2101	61.05	30.00	Outside	12.29	48.76
Deep Monitoring Wells					
MW-216A	71.17	47.71	Inside	38.28	32.89
MW-217A	61.78	47.40	Inside	29.90	31.88
MW-218	54.16	53.54	Outside	33.88	20.28
MW-219	51.87	71.82	Outside	30.44	21.43
MW-220	47.20	51.50	Outside	27.22	19.98
MW-232A	71.18	54.74	Inside	38.70	32.48
MW-233R	63.94	38.71	Inside	31.53	32.41
Bedrock Monitoring Wells					
MW-210A	52.17	106.32	Outside	18.94	33.23
MW-210R	55.90	112.35	Inside	21.71	34.19
MW-211A	65.59	142.76	Inside	24.40	41.19
Extraction Wells					
EW-6	57.74	39.05	Inside	22.00	35.74
EW-7	51.13	38.90	Inside	26.82	24.31
Shallow EP Series Piezometers					
EP-16	58.92	58.77	Inside	34.15	24.77
EP-17	69.73	42.85	Inside	37.10	32.63
EP-18	68.58	38.10	Inside	35.97	32.61
EP-19	68.22	47.30	Inside	35.65	32.57
EP-20	69.55	47.25	Inside	36.75	32.80

NOTE: MSL = Mean sea level.
Dashes (---) indicate data cannot be calculated because well was dry.

TABLE 4 MONITORING WELL GAUGING SUMMARY FOR 29 MARCH 2000 EASTERN PLUME

Well Designation	Well Riser Elevation (ft MSL)	Depth to Well Bottom (ft below top of well riser)	Depth to Water (ft below top of well riser)	Ground-Water Elevation (ft MSL)
Shallow Monitoring Wells				
MW-105B	24.55	21.91	7.56	16.99
MW-106	51.26	37.27	23.94	27.32
MW-206B	42.77	27.17	19.86	22.91
MW-207B	22.90	9.21	2.80	20.10
MW-209	54.84	32.38	26.68	28.16
MW-222	57.43	45.34	28.55	28.88
MW-223	53.71	42.61	25.95	27.76
MW-224	57.63	46.01	27.89	29.74
MW-225B	46.25	42.00	21.31	24.94
MW-229B	30.08	33.14	15.14	14.94
MW-231B	46.31	37.99	25.74	20.57
MW-307	62.70	22.21	16.12	46.58
MW-313	21.39	37.47	8.43	12.96
MW-318	24.28	25.14	4.79	19.49
MW-332	25.33	21.03	9.76	15.57
MW-1104	60.09	27.55	11.94	48.15
Deep Monitoring Wells				
MW-105A	24.19	47.75	2.73	21.46
MW-205	45.99	79.00	23.59	22.40
MW-206A	43.02	74.36	19.34	23.68
MW-207A	24.06	75.55	Artesian	Artesian
MW-208	49.4	102.8	21.80	27.60
MW-225A	45.95	76.03	19.45	26.50
MW-229A	33.83	64.97	13.56	20.27
MW-230A	36.32	81.49	15.64	20.68
MW-231A	45.41	61.19	21.16	24.25
MW-303	44.28	72.75	12.04	32.24
MW-305	43.09	53.51	12.15	30.94
MW-306	52.12	56.98	19.12	33.00
MW-310	53.39	73.25	28.52	24.87
MW-311	21.48	56.25	16.80	4.68
MW-312	35.97	71.15	11.90	24.07
MW-319	40.16	72.60	14.75	25.41
MW-330	35.71	36.36	5.44	30.27
MW-331	30.54	56.23	2.89	27.65
MW-333	27.25	42.85	11.21	16.04
MW-334	30.93	47.80	11.35	19.58
MW-NASB-212	41.64	64.29	9.37	32.27

NOTE: MSL = Mean sea level.

Well Designation	Well Riser Elevation (ft MSL)	Depth to Well Bottom (ft below top of well riser)	Depth to Water (ft below top of well riser)	Ground-Water Elevation (ft MSL)
Bedrock Monitoring Wells				
MW-308	37.70	73.25	4.90	32.80
MW-309A	22.84	72.71	+4.61	27.45
MW-309B	22.32	59.25	1.43	20.89
MW-316A	53.71	103.10	22.08	31.63
MW-316B	54.40	57.85	13.16	41.24
MW-317A	71.35	120.79	15.88	55.47
MW-317B	70.10	96.95	14.63	55.47
Shallow P-Series Piezometers				
P-103	60.35	28.75	26.57	33.78
P-110	56.70	23.87	---	---
P-111	31.48	9.98	4.13	27.35
P-112	41.12	16.41	10.83	30.29
P-121	50.78	17.35	5.10	45.68
P-124	51.12	23.10	---	---
P-132	42.95	32.46	17.21	25.74
Deep P-Series Piezometers				
P-105	42.08	70.35	9.57	32.51
P-106	38.83	72.40	10.50	28.33
Extraction Wells				
EW-1	25.34	99.66	9.30	16.04
EW-2	31.63	90.86	10.17	21.46
EW-2A	22.27	66.00	38.75	-16.48
EW-3	41.18	67.04	13.31	27.87
EW-4	37.13	69.37	15.50	21.63
EW-5	36.25	84.99	24.30	11.95
Deep EP-Series Piezometers				
EP-1	31.67	101.22	10.90	20.77
EP-2	29.74	99.00	9.20	20.54
EP-3	27.91	89.21	6.94	20.97
EP-4	32.59	91.11	8.96	23.63
EP-5	34.61	79.85	9.76	24.85
EP-6	40.14	83.51	14.93	25.21
EP-7	48.49	70.20	20.70	27.79
EP-8	47.31	80.38	19.37	27.94
EP-9	37.84	62.46	8.22	29.62
EP-10	37.78	57.73	7.83	29.95
EP-11	41.59	65.03	11.02	30.57
EP-12	49.38	69.61	18.70	30.68
EP-13	38.96	70.93	6.39	32.57
EP-14	43.46	80.05	10.99	32.47
EP-15	45.37	82.68	13.3	32.07

NOTE: Dashes (---) indicate ground-water elevation data cannot be calculated because well was dry.

Surface Water Gauging Stations			
Well Designation	Gauging Point Elevation (ft MSL)	Depth to Water (ft below gauging point)	Surface Water Elevation (ft MSL)
GP-1	31.10	3.21	27.89
GP-2	23.92	+3.05	26.97
GP-3	27.33	2.80	24.53
GP-4	18.39	2.63	15.76
GP-5	23.38	8.91	14.47
GP-6	15.22	10.46	4.76

TABLE 5 GROUND-WATER EXTRACTION FLOW RATE AND RUN TIME SUMMARY, 1 OCTOBER 1999 – 30 APRIL 2000 GROUND-WATER EXTRACTION AND TREATMENT SYSTEM (BUILDING 50)

	DATE															
	10/1/99	10/2/99	10/3/99	10/4/99	10/5/99	10/6/99	10/7/99	10/8/99	10/9/99	10/10/99	10/11/99	10/12/99	10/13/99	10/14/99	10/15/99	10/16/99
EW-1																
Flow rate (gpm)	9.0	9.0[a]	9.0[a]	8.2	9.0	9.0	9.1	9.1	9.1[a]	9.1[a]	8.7	9.0	8.3	8.3	8.2	8.2[a]
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24	24
EW-2																
Flow rate (gpm)	20.4	20.4[a]	20.4[a]	20.4	20.4	0.0	0.0	0.0	0.0	0.0	0.0	16[b]	16[b]	15[b]	15[b]	15[a]
Run time (hours)	24	24	24	24	22	0	0	0	0	0	0	13	24	24	24	24
EW-2A																
Flow rate (gpm)	0.0	0.0	0.0	19.0	19.0	19.0	19.2	19.2	19.2[a]	19.2[a]	19.2	19.1	15.2	15.2	16.9	16.9[a]
Run time (hours)	0	0	0	24	22	24	24	24	24	24	24	24	24	24	24	24
EW-4																
Flow rate (gpm)	15.1	15.1[a]	15.1[a]	14.5	14.5	14.9	15.0	14.9	14.9[a]	14.9[a]	14.8	14.9	14.4	14.3	14.3	14.3[a]
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24	24
EW-5																
Flow rate (gpm)	14.5	14.5[a]	14.5[a]	14.3	14.3	14.6	14.5	14.5	14.5[a]	14.5[a]	14.5	14.3	14.1	14.1	13.9	13.9[a]
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24	24

	DATE														
	10/17/99	10/18/99	10/19/99	10/20/99	10/21/99	10/22/99	10/23/99	10/24/99	10/25/99	10/26/99	10/27/99	10/28/99	10/29/99	10/30/99	10/31/99
EW-1															
Flow rate (gpm)	8.2[a]	7.8	7.9	7.9	8.0	7.9	7.9[a]	7.9[a]	7.7	7.9	7.9	7.7	7.8	7.8[a]	7.8[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2															
Flow rate (gpm)	15[a]	15[b]	15[b]	15.8	15.8	15.6	15.6[a]	15.6[a]	15.8	15.9	15.4	15.7	15.8	15.8[a]	15.8[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2A															
Flow rate (gpm)	16.9[a]	16.9	16.8	16.7	16.7	16.6	16.6[a]	16.6[a]	16.7	16.7	16.6	16.7	16.5	16.5[a]	16.5[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-4															
Flow rate (gpm)	14.3[a]	14.2	14.2	14.3	14.1	14.2	14.2[a]	14.2[a]	14.3	14.2	14.0	14.3	13.9	13.9[a]	13.9[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5															
Flow rate (gpm)	13.9[a]	13.9	13.9	13.6	13.9	14.0	14.0[a]	14.0[a]	13.7	13.6	13.7	13.6	13.3	13.3[a]	13.3[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

(a) Weekend/holiday; flow rate estimated based on flow history.
(b) PLC removed from well; flow rate calculated from total flow.

	DATE														
	11/1/99	11/2/99	11/3/99	11/4/99	1/5/99	11/6/99	11/7/99	11/8/99	11/9/99	11/10/99	11/11/99	11/12/99	11/13/99	11/14/99	11/15/99
EW-1															
Flow rate (gpm)	7.5	7.7	7.9	7.9	7.9	7.9[a]	7.9[a]	7.8	7.8	7.6	7.8	7.8	7.8[a]	7.8[a]	7.6
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24
EW-2															
Flow rate (gpm)	15.9	15.9	15.8	15.7	15.7	15.7[a]	15.7[a]	15.9	15.9	16.1	15.7	15.7	15.7[a]	15.7[a]	16.1
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2A															
Flow rate (gpm)	16.8	16.6	16.7	16.7	16.7	16.7[a]	16.7[a]	16.6	16.7	16.2	16.6	16.6	16.6[a]	16.6[a]	16.4
Run time (hours)	0	0	0	24	22	24	24	24	24	24	24	24	24	24	24
EW-4															
Flow rate (gpm)	14.4	14.2	14.2	14.1	14.1	14.1[a]	14.1[a]	14.1	14.1	14.5	14.3	14.4	14.4[a]	14.4[a]	14.3
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24
EW-5															
Flow rate (gpm)	13.2	13.2	13.8	14.4	14.4	14.4[a]	14.4[a]	13.6	13.5	13.5	13.9	13.7	13.7[a]	13.7[a]	13.2
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24

	DATE														
	11/16/99	11/17/99	11/18/99	11/19/99	11/20/99	11/21/99	11/22/99	11/23/99	11/24/99	11/25/99	11/26/99	11/27/99	11/28/99	11/29/99	11/30/99
EW-1															
Flow rate (gpm)	7.6	7.7	7.4	7.6	7.6[a]	7.6[a]	7.7	7.6	7.4	7.4[a]	7.4[a]	7.4[a]	7.4[a]	7.6	7.4
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2															
Flow rate (gpm)	16.1	16.0	16.0	16.0	16.0[a]	16.0[a]	10.1	10.2	10.2	10.2[a]	10.2[a]	10.2[a]	10.2[a]	9.8	10.1
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2A															
Flow rate (gpm)	16.3	16.5	16.3	16.2	16.2[a]	16.2[a]	18.2	18.1	18.0	18.0[a]	18.0[a]	18.0[a]	18.0[a]	18.4	18.2
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-4															
Flow rate (gpm)	14.1	14.0	14.2	14.4	14.4[a]	14.4[a]	14.6	14.2	14.4	14.4[a]	14.4[a]	14.4[a]	14.4[a]	14.5	14.5
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5															
Flow rate (gpm)	13.5	13.4	13.4	13.4	13.4[a]	13.4[a]	13.3	13.4	13.6	13.6[a]	13.6[a]	13.6[a]	13.6[a]	13.1	13.5
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

	DATE															
	12/1/99	12/2/99	12/3/99	12/4/99	12/5/99	12/6/99	12/7/99	12/8/99	12/9/99	12/10/99	12/11/99	12/12/99	12/13/99	12/14/99	12/15/99	12/16/99
EW-1																
Flow rate (gpm)	7.5	7.5	7.5	7.5[a]	7.5[a]	7.5	7.3	7.4	7.4	7.5	7.5[a]	7.5[a]	7.2	7.3	7.0	7.4
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2																
Flow rate (gpm)	10.0	9.8	9.9	9.9[a]	9.9[a]	9.9	10.1	10.1	10.1	10.1	10.1[a]	10.1[a]	9.9	10.1	9.3	10.1
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2A																
Flow rate (gpm)	18.1	18.0	18.0	18.0[a]	18.0[a]	18.0	17.8	18.1	18.1	18.2	18.2[a]	18.2[a]	18.1	18.0	18.1	18.2
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-4																
Flow rate (gpm)	14.4	14.5	14.4	14.4[a]	14.4[a]	14.1	14.2	14.2	14.5	14.6	14.6[a]	14.6[a]	14.4	14.4	14.4	14.5
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5																
Flow rate (gpm)	13.3	13.3	13.3	13.3[a]	13.3[a]	13.2	13.2	13.2	13.1	13.0	13.0[a]	13.0[a]	13.0	13.0	13.3	13.1
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

	DATE														
	12/17/99	12/18/99	12/19/99	12/20/99	12/21/99	12/22/99	12/23/99	12/24/99	12/25/99	12/26/99	12/27/99	12/28/99	12/29/99	12/30/99	12/31/99
EW-1															
Flow rate (gpm)	7.0	7.0[a]	7.0[a]	7.1	7.0	7.0	7.3	7.3[a]	7.3[a]	7.3[a]	7.1	7.1	7.1	7.1	7.1[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2															
Flow rate (gpm)	10.0	10.0[a]	10.0[a]	10.0	10.2	9.9	10.3	10.3[a]	10.3[a]	10.3[a]	9.9	9.9	10.1	9.9	0.0
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	12	0.0
EW-2A															
Flow rate (gpm)	17.9	17.9[a]	17.9[a]	18.1	18.1	17.8	18.1	18.1[a]	18.1[a]	18.1[a]	18.2	17.8	18.1	18.2	0.0
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	12	0.0
EW-4															
Flow rate (gpm)	14.4	14.4[a]	14.4[a]	14.5	14.4	14.6	14.6	14.6[a]	14.6[a]	14.6[a]	14.6	14.4	14.6	14.2	14.2[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5															
Flow rate (gpm)	12.9	12.9[a]	12.9[a]	12.9	12.8	12.9	12.9	12.9[a]	12.9[a]	12.9[a]	13.1	13.0	13.0	13.1	13.1[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

	DATE															
	1/1/00	1/2/00	1/3/00	1/4/00	1/5/00	1/6/00	1/7/00	1/8/00	1/9/00	1/10/00	1/11/00	1/12/00	1/13/00	1/14/00	1/15/00	1/16/00
EW-1																
Flow rate (gpm)	7.4[a]	7.4[a]	7.4	7.4	7.4	7.4	7.4	7.3[a]	7.3[a]	7.3	7.3	7.3	7.2	7.1	7.1[a]	7.1[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	22.5	24	24	24	24	24	24
EW-2																
Flow rate (gpm)	9.7[a]	9.7[a]	9.7	9.7	9.7	9.7	9.6	9.6[a]	9.6[a]	9.8	9.8	9.8	9.8	9.3	0.0	0.0
Run time (hours)	24	24	24	24	24	24	24	24	24	22.5	24	24	24	24	0	0
EW-2A																
Flow rate (gpm)	18.2[a]	18.2[a]	18.2	18.2	18.2	18.2	18.2	18.2[a]	18.2[a]	18.3	18.3	18.3	18.5	18.4	18.4[a]	18.4[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	22.5	24	24	24	24	24	24
EW-4																
Flow rate (gpm)	14.4[a]	14.4[a]	14.4	14.4	14.4	14.4	14.3	14.3[a]	14.3[a]	14.5	14.5	14.5	14.4	14.7	14.7[a]	14.7[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	22.5	24	24	24	24	24	24
EW-5																
Flow rate (gpm)	13.3[a]	13.3[a]	13.3	13.3	13.3	13.3	12.8	12.8[a]	12.8[a]	13.3	13.3	13.3	13.2	13.0	5.7[a]	5.7[a]
Run time (hours)	24	24	24	24	24	24	24	24	24	22.5	24	24	24	24	24	24

	DATE														
	1/17/00	1/18/00	1/19/00	1/20/00	1/21/00	1/22/00	1/23/00	1/24/00	1/25/00	1/26/00	1/27/00	1/28/00	1/29/00	1/30/00	1/31/00
EW-1															
Flow rate (gpm)	7.3	7.4	7.3	7.0	7.0	7.0[a]	7.0[a]	7.1	6.9	6.9	6.9	7.0	7.0[a]	7.0[a]	6.9
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2															
Flow rate (gpm)	0.0	0.0	0.0	10.0	9.8	9.8[a]	9.8[a]	9.6	9.8	9.8	9.8	9.9	9.9[a]	9.9[a]	9.8
Run time (hours)	0	0	0	14	24	24	24	24	24	24	24	24	24	24	24
EW-2A															
Flow rate (gpm)	21.2	21.2	21.2	18.5	18.6	18.6[a]	18.6[a]	18.6	18.7	18.7	18.7	18.5	18.5[a]	18.5[a]	18.7
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-4															
Flow rate (gpm)	14.9	15.1	15.2	14.7	14.7	14.7[a]	14.7[a]	15.0	14.5	14.5	14.9	14.5	14.5[a]	14.5[a]	14.9
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5															
Flow rate (gpm)	5.7	7.8	7.8	7.7	7.7	7.7[a]	7.7[a]	7.8	7.8	7.8	7.5	7.5	7.5[a]	7.5[a]	7.7
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

	DATE														
	2/1/00	2/2/00	2/3/00	2/4/00	2/5/00	2/6/00	2/7/00	2/8/00	2/9/00	2/10/00	2/11/00	2/12/00	2/13/00	2/14/00	2/15/00
EW-1															
Flow rate (gpm)	6.8	6.8	6.9	6.9	6.9[a]	6.9[a]	6.5	6.5	6.5	6.6	6.3	6.3[a]	6.3[a]	6.5	6.5
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24
EW-2															
Flow rate (gpm)	10.0	9.9	10.0	9.9	9.9[a]	9.9[a]	9.7	9.7	9.7	9.6	9.6	9.6[a]	9.6[a]	9.5	9.8
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2A															
Flow rate (gpm)	18.7	18.7	18.7	18.7	18.7[a]	18.7[a]	18.6	18.6	18.6	18.9	15.5	15.5[a]	15.5[a]	18.7	18.7
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24
EW-4															
Flow rate (gpm)	14.7	14.6	14.8	14.7	14.7[a]	14.7[a]	14.9	14.9	14.7	14.6	14.8	14.8[a]	14.8[a]	14.5	14.5
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24
EW-5															
Flow rate (gpm)	7.5	7.7	7.5	7.7	7.7[a]	7.7[a]	7.4	7.4	7.5	7.4	7.4	7.4[a]	7.4[a]	7.3	7.3
Run time (hours)	24	24	24	24	22	24	24	24	24	24	24	24	24	24	24

	DATE													
	2/16/00	2/17/00	2/18/00	2/19/00	2/20/00	2/21/00	2/22/00	2/23/00	2/24/00	2/25/00	2/26/00	2/27/00	2/28/00	2/29/00
EW-1														
Flow rate (gpm)	6.3	6.3	6.2	6.2[a]	6.2[a]	6.3	6.3	6.4	6.3	6.3	6.3[a]	6.3[a]	6.3	6.3
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2														
Flow rate (gpm)	9.8	9.8	9.6	9.6[a]	9.6[a]	9.7	9.8	10.0	10.0	10.0	10.0[a]	10.0[a]	9.8	9.9
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2A														
Flow rate (gpm)	18.4	18.5	18.5	18.5[a]	18.5[a]	18.4	18.5	18.3	18.2	18.2	18.2[a]	18.2[a]	18.2	18.3
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-4														
Flow rate (gpm)	14.7	14.7	14.8	14.8[a]	14.8[a]	14.5	14.6	14.4	14.7	14.5	14.5[a]	14.5[a]	14.2	14.9
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5														
Flow rate (gpm)	7.2	7.5	7.2	7.2[a]	7.2[a]	7.5	7.3	7.6	7.3	7.3	7.3[a]	7.3[a]	7.4	7.2
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24

	DATE															
	3/1/00	3/2/00	3/3/00	3/4/00	3/5/00	3/6/00	3/7/00	3/8/00	3/9/00	3/10/00	3/11/00	3/12/00	3/13/00	3/14/00	3/15/00	3/16/00
EW-1																
Flow rate (gpm)	6.3	6.8	6.8	6.8[a]	6.8[a]	6.7	6.4	6.5	6.5	6.2	6.2[a]	6.2[a]	6.1	6.1	5.9	5.9
Run time (hours)	24	24	24	24	24	24	24	24	24	22.5	24	24	24	24	24	24
EW-2																
Flow rate (gpm)	9.7	10.3	10.3	10.3[a]	10.3[a]	10.2	10.4	10.2	10.2	9.9	9.9[a]	9.9[a]	9.9	9.6	9.7	9.7
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2A																
Flow rate (gpm)	18.3	19.4	19.4	19.4[a]	19.4[a]	19.1	19.2	19.1	19.1	18.3	18.3[a]	18.3[a]	18.2	18.1	18.3	18.3
Run time (hours)	24	24	24	24	24	24	24	24	24	22.5	24	24	24	24	24	24
EW-4																
Flow rate (gpm)	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	15.1	15.1[a]	15.1[a]	15.1	15.1	14.9	14.9
Run time (hours)	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	24	24	24	24	24	24	24
EW-5																
Flow rate (gpm)	7.2	7.6	7.6	7.6[a]	7.6[a]	7.4	7.5	7.4	7.4	7.3	7.3[a]	7.3[a]	7.1	7.1	7.0	7.0
Run time (hours)	24	24	24	24	24	24	24	24	24	22.5	24	24	24	24	24	24

	DATE														
	3/17/00	3/18/00	3/19/00	3/20/00	3/21/00	3/22/00	3/23/00	3/24/00	3/25/00	3/26/00	3/27/00	3/28/00	3/29/00	3/30/00	3/31/00
EW-1															
Flow rate (gpm)	6.0	6.0[a]	6.0[a]	5.7	5.6	5.8	5.9	5.9	5.9[a]	5.9[a]	5.9	5.9	5.6	5.5	5.8
Run time (hours)	24	18	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2															
Flow rate (gpm)	9.8	9.8[a]	9.8[a]	9.7	9.8	9.8	9.9	9.9	9.9[a]	9.9[a]	9.8	9.8	9.7	9.7	9.8
Run time (hours)	24	18	24	14	24	24	24	24	24	24	24	24	24	24	24
EW-2A															
Flow rate (gpm)	18.1	18.1[a]	18.1[a]	18.2	15.5	18.3	18.3	18.3	18.3[a]	18.3[a]	18.5	18.5	18.5	18.3	18.4
Run time (hours)	24	18	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-4															
Flow rate (gpm)	14.9	14.9[a]	14.9[a]	15.0	14.9	15.2	14.9	14.9	14.9[a]	14.9[a]	14.9	14.8	15.1	15.0	15.2
Run time (hours)	24	18	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5															
Flow rate (gpm)	7.0	7.0[a]	7.0[a]	7.2	7.3	7.3	7.1	7.1	7.1[a]	7.1[a]	7.0	7.0	7.2	7.1	7.2
Run time (hours)	24	18	24	24	24	24	24	24	24	24	24	24	24	24	24

	DATE														
	4/1/00	4/2/00	4/3/00	4/4/00	4/5/00	4/6/00	4/7/00	4/8/00	4/9/00	4/10/00	4/11/00	4/12/00	4/13/00	4/14/00	4/15/00
EW-1															
Flow rate (gpm)	5.8[a]	5.8[a]	5.8	5.8	5.6	5.7	5.6	5.6[a]	5.6[a]	5.8	5.8	5.7	5.7	5.7	5.7[a]
Run time (hours)	24	24	18	10	7	24	24	24	24	22.5	24	24	24	22.75	24
EW-2															
Flow rate (gpm)	9.7[a]	9.7[a]	9.7	10.2	10.2	10.5	10.2	10.2[a]	10.2[a]	9.7	9.9	9.9	9.7	9.8	9.8[a]
Run time (hours)	24	24	18	20	24	24	24	24	24	24	24	24	24	22.75	24
EW-2A															
Flow rate (gpm)	18.5[a]	18.5[a]	18.5	18.9	18.5	18.5	18.6	18.6[a]	18.6[a]	18.4	18.3	18.2	18.5	18.5	18.5[a]
Run time (hours)	24	24	18	20	24	24	24	24	24	22.5	24	24	24	22.75	24
EW-4															
Flow rate (gpm)	14.7[a]	14.7[a]	14.7	15.4	15.6	15.7	15.4	15.4[a]	15.4[a]	14.9	15.0	15.0	15.2	15.2	15.2[a]
Run time (hours)	24	0.0	18	20	0.0	0.0	0.0	0.0	18	24	24	24	24	22.75	24
EW-5															
Flow rate (gpm)	7.0[a]	7.0[a]	7.0	6.9	6.8	6.8	7.2	7.2[a]	7.2[a]	7.1	7.0	7.0	6.9	6.9	6.9[a]
Run time (hours)	24	24	18	20	24	24	24	24	24	22.5	24	24	24	22.75	24

	DATE														
	4/16/00	4/17/00	4/18/00	4/19/00	4/20/00	4/21/00	4/22/00	4/23/00	4/24/00	4/25/00	4/26/00	4/27/00	4/28/00	4/29/00	4/30/00
EW-1															
Flow rate (gpm)	5.7[a]	5.5	5.7	5.7	5.8	5.8	5.8[a]	5.8[a]	5.5	5.6	5.6	5.6	5.6	5.6[a]	5.6[a]
Run time (hours)	24	23	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2															
Flow rate (gpm)	9.8[a]	9.9	9.7	9.7	9.9	10.1	10.1[a]	10.1[a]	9.9	9.9	9.9	9.5	9.7	9.7[a]	9.7[a]
Run time (hours)	24	23	24	24	14	24	24	24	24	24	24	24	24	24	24
EW-2A															
Flow rate (gpm)	18.5[a]	18.5	18.5	18.5	18.5	18.4	18.4[a]	18.4[a]	18.5	18.2	18.5	18.6	18.4	18.4[a]	18.4[a]
Run time (hours)	24	23	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-4															
Flow rate (gpm)	15.2[a]	14.9	15.0	15.0	15.0	15.0	15.0[a]	15.0[a]	14.9	14.9	15.2	15.2	15.2	15.2[a]	15.2[a]
Run time (hours)	24	23	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5															
Flow rate (gpm)	6.9[a]	7.1	7.0	7.0	7.3	6.9	6.9[a]	6.9[a]	7.0	7.0	7.0	7.2	6.9	6.9[a]	6.9[a]
Run time (hours)	24	23	24	24	24	24	24	24	24	24	24	24	24	24	24

TABLE 6 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN GROUND-WATER SAMPLES COLLECTED ON 12-13 APRIL 2000 AT SITES 1 AND 3

Well Designation	Location Relative to Slurry	pH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Shallow Monitoring Wells							
MW-202A	Outside	5.84	14.32	593	1.90	7	83
MW-203	Outside	6.13	14.56	821	9.32	3	79
MW-204	Outside	5.45	10.52	52	10.50	1	174
MW-217B	Inside	6.35	8.18	985	6.43	1,020	73
MW-240	Outside	5.33	10.12	117	9.79	5	176
MW-2101	Outside	5.57	9.18	351	7.22	3	179
Deep Monitoring Wells							
MW-218	Outside	7.34	14.97	1,155	1.48	26	-164
MW-219	Outside	5.74	9.83	140	6.91	1	150

NOTE: NTU = Nephelometric turbidity unit.

TABLE 7 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN GROUND-WATER SAMPLES COLLECTED ON 18-21 APRIL 2000 AT EASTERN PLUME

Well Designation	pH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Shallow Monitoring Wells						
MW-224	4.87	11.25	86	(a)	5	161
MW-231B	6.30	12.96	80	12.01	45	151
MW-313	7.31	10.60	230	0.20	90	-113
MW-318	6.65	11.15	72	5.08	4	17
MW-332	4.99	6.80	161	8.14	4	274
MW-1104	5.43	10.73	214	2.16	7	150
Deep Monitoring Wells						
MW-105A	5.75	8.50	51	9.40	8	243
MW-205	6.70	10.25	167	3.15	105	101
MW-207A	6.57	8.63	205	1.76	8	59
MW-225A	6.12	9.89	119	9.89	7	109
MW-229A	6.63	9.23	103	11.36	7	127
MW-230A	7.48	9.57	106	0.19	18	-140
MW-231A	5.45	10.30	65	8.52	110	249
MW-303	7.80	8.70	216	0.24	1	-166
MW-305	8.24	9.20	204	0.45	9	-120
MW-306	5.96	10.07	83	8.68	81	169
MW-311	7.03	11.81	136	3.41	89	-14
MW-319	5.88	10.01	460	1.34	5	174
MW-330	7.11	10.25	103	2.09	180	53
MW-331	5.79	8.61	1,239	0.65	10	112
MW-333	7.10	9.20	211	0.73	9	-112
MW-334	7.65	10.78	164	1.04	35	-90
MW-NASB-212	6.42	10.16	206	0.92	56	49
Bedrock Monitoring Wells						
MW-308	8.45	8.79	873	0.09	0	-101
MW-309B	7.99	10.80	291	0.20	27	131
Shallow P-Series Piezometers						
P-111	6.24	5.11	125	0.58	5	67
P-132	6.41	11.06	46	9.17	9	153
Deep P-Series Piezometers						
P-106	7.09	8.90	127	5.42	9	109

(a) Inaccurate dissolved oxygen reading due to air bubble on the sensor.

NOTE: NTU = Nephelometric turbidity unit.

TABLE 8 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN WATER SAMPLES COLLECTED FROM EXTRACTION WELLS AND THE TREATMENT PLANT ON 17 APRIL 2000 AT EASTERN PLUME

Well Designation	pH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Extraction Wells						
EW-1	5.76	11.30	271	6.39	9	-79
EW-2	6.25	9.70	338	10.69	20	105
EW-2A	5.85	9.00	380	11.99	0	84
EW-3	Well offline; no data					
EW-4	6.24	9.20	134	10.81	30	93
EW-5	6.24	8.90	115	9.32	225	68
Ground-Water Treatment Plant						
Eastern Plume Raw Influent	5.69	9.77	2.31	6.47	2	98
Combined Effluent	5.96	10.84	231	9.95	3	268

NOTE: NTU = Nephelometric turbidity unit.

TABLE 9 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN SURFACE WATER AND SEEP SAMPLES COLLECTED ON 13 APRIL 2000 AT SITES 1 AND 3

Sample Designation	pH	Temperature (°C)	Conductivity (μmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Surface Water						
SW-4	7.33	8.68	156	12.58	4	35
SW-7	7.45	8.66	161	12.59	2	26
SW-8	7.40	8.70	150	12.06	3	13
SW-9	7.67	8.76	153	11.73	4	18
SW-15[a]						
SW-16[a]						
Seep						
SEEP-1	5.95	8.5	920	10.89	400	297
SEEP-3	6.27	7.0	551	11.01	280	91
SEEP-4	6.28	6.0	956	7.52	170	65
SEEP-5	6.55	11.9	837	4.77	820	17
SEEP-9	6.58	15.8	206	6.40	54	12

(a) Locations sampled under Naval Air Station Brunswick's surface water program; water quality indicator parameters are not measured by Naval Air Station Brunswick personnel and, therefore, were not included on this table.

NOTE: NTU = Nephelometric turbidity unit.

TABLE 10 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN SURFACE WATER COLLECTED ON 13 APRIL 2000 AT EASTERN PLUME

Sample Designation	pH	Temperature (°C)	Conductivity (μmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Surface Water						
SW-10	5.82	5.70	163	12.53	5	119
SW-11	5.73	4.90	160	3.11	3	160
SW-12	5.46	4.90	161	13.30	38	165
SW-13	5.71	7.00	134	12.49	9	149
SW-14	5.45	6.60	136	12.94	8	169
Seep						
SEEP-10	5.77	4.40	79	12.65	3	207
SEEP-11	5.49	9.20	148	11.62	4	253

NOTE: NTU = Nephelometric turbidity unit.

TABLE 11 SUMMARY OF LANDFILL GAS MONITORING CONDUCTED ON 11 APRIL 2000 AT SITES 1 AND 3

Gas Vent Designation	Depth to Bottom (ft)	Pressure (in. H_g)	Percent Methane	Percent Oxygen	Percent Carbon Dioxide
Gas Probes[a]					
G-04	7.26	30.3	0.1	20.1	0.0
G-05	7.21	30.3	0.1	20.1	0.0
G-06	7.22	30.3	0.2	20.1	0.0
Gas Vents					
GV-01	6.72	30.3	0.1	14.3	0.0
GV-02	4.76	30.3	0.1	19.9	0.0
GV-03	4.52	30.3	0.1	20.0	0.0
GV-04	4.47	30.3	0.1	19.8	0.0
GV-05	4.52	30.3	0.1	20.1	0.0
GV-06	4.59	30.3	0.1	20.1	0.0
GV-07	4.63	30.3	0.0	20.1	0.0
GV-08	4.57	30.3	0.0	19.7	0.1
GV-09	4.59	30.3	0.0	17.3	0.2
GV-10	4.60	30.3	0.0	(b)	0.0
GV-11	4.54	30.3	0.2	(b)	0.1
GV-12	4.56	Unable to collect data, gas vent had not been completed			
GV-13	4.56	Unable to collect data, gas vent had not been completed			
GV-14	4.56	30.3	0.1	20.6	0.0

(a) Gas probe data were collected on 12 April 2000.
(b) Inaccurate percent oxygen reading.

NOTE: Depth to bottom was measured from the top of the polyvinyl chloride coupling.

TABLE 12 SUMMARY OF ANALYTICAL DATA QUALITY REVIEW

Sample Location	Findings of Laboratory Data Quality Review
GROUND WATER	
MW-205	Result for 4-methyl-2-pentanone is estimated bias low. The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-212	Result for 4-methyl-2-pentanone is estimated bias low.
MW-224	Result for 4-methyl-2-pentanone is estimated bias low. The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-224 DUP	Result for 4-methyl-2-pentanone is estimated bias low. The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-105A	Result for 4-methyl-2-pentanone is estimated bias low. Result for methylene chloride is false-positive.
MW-303	Result for acetone is considered estimated. Result for methylene chloride is false-positive.
MW-311	Result for 4-methyl-2-pentanone is estimated bias low. The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-311 DUP	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-313	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-331	Result for 4-methyl-2-pentanone is estimated bias low. The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-207A	Result for 4-methyl-2-pentanone is estimated bias low. Result for methylene chloride is false-positive.
MW-207A DUP	Result for 4-methyl-2-pentanone is estimated bias low. The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-229A	Result for 4-methyl-2-pentanone is estimated bias low. Result for methylene chloride is false-positive.
P-111	Result for 4-methyl-2-pentanone is estimated bias low. Result for methylene chloride is false-positive.
P-106 DUP	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive. Results for 1,1-dichloroethene and trichloroethene are estimated.
P-106	Result for 4-methyl-2-pentanone is estimated bias low. The non-detect result for acetone is estimated. Result for methylene chloride is false-positive. Results for 1,1-dichloroethene and trichloroethene are estimated.
MW-225A	Result for methylene chloride is false-positive.
MW-231A	Result for methylene chloride is false-positive.
MW-305	Result for methylene chloride is false-positive.
MW-306	Result for methylene chloride is false-positive.
MW-308	Result for methylene chloride is false-positive.
MW-309B	Result for methylene chloride is false-positive.
MW-318	The non-detect result for acetone is estimated.
MW-332	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-333	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-334	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.

Sample Location	Findings of Laboratory Data Quality Review
GROUND WATER (Continued)	
MW-207A	The non-detect result for acetone is estimated.
MW-230A	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-231B	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
MW-202A	The non-detect result for acetone is estimated.
MW-203	The non-detect result for acetone is estimated.
MW-204	The non-detect result for acetone is estimated.
MW-2101	The non-detect result for acetone is estimated.
MW-217B	The non-detect result for acetone is estimated.
MW-218	The non-detect result for acetone is estimated.
MW-219	The non-detect result for acetone is estimated. Results for arsenic, iron, magnesium, manganese, and potassium are estimated.
MW-219 DUP	The non-detect result for acetone is estimated. Results for arsenic, iron, magnesium, manganese, and potassium are estimated.
MW-240	The non-detect result for acetone is estimated.
DIFFUSION SAMPLES	
DS-306 (deep)	The non-detect results for acetone should be considered estimated. Result for methylene chloride is false-positive.
DS-306 (mid)	The non-detect results for acetone should be considered estimated.
DS-306 (deep)	The non-detect results for acetone should be considered estimated.
DS-212 (deep)	Result for acetone should be considered false-positive.
DS-212 (mid)	Results for acetone and methylene chloride are false-positive.
DS-212 (shallow)	Results for acetone, benzene, and methylene chloride are false-positive.
DS-319 (deep)	The non-detect results for acetone should be considered estimated.
DS-319 (shallow)	The non-detect results for acetone should be considered estimated. Result for methylene chloride is false-positive.
DS-229A (shallow)	Results for acetone, benzene, and methylene chloride are false-positive. Result for tetrachloroethene is estimated.
DS-229A DUP (shallow)	Results for acetone, benzene, and methylene chloride are false-positive.
DS-229A (mid)	Results for acetone and methylene chloride are false-positive. Result for 1,1-dichloroethene is estimated.
DS-229A DUP (deep)	Results for acetone and methylene chloride are false-positive.
DS-229A (deep)	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
DS-229A DUP (mid)	Results for acetone and methylene chloride are false-positive. Result for 1,1-dichloroethene is estimated.
DS-311 (deep)	Results for acetone, methylene chloride, benzene, and 1,1,2-trichloroethane are false-positive.
DS-311 (shallow)	Results for acetone, methylene chloride, benzene, and 1,1,2-trichloroethane are false-positive. Result for tetrachloroethene is estimated.
DS-311 DUP (mid)	Results for acetone, methylene chloride, benzene, and 1,1,2-trichloroethane are false-positive.
DS-311 (mid)	Results for acetone, methylene chloride, benzene, and 1,1,2-trichloroethane are false-positive.

Sample Location	Findings of Laboratory Data Quality Review
DIFFUSION SAMPLES (Continued)	
DS-331 (deep)	Results for acetone, methylene chloride, benzene, and 1,1,2-trichloroethane are false-positive.
DS-331 (mid)	Results for acetone, methylene chloride, benzene, and 1,1,2-trichloroethane are false-positive. Result for tetrachloroethene is estimated.
DS-331 (shallow)	Results for acetone, benzene, and methylene chloride are false-positive. Result for tetrachloroethene is estimated.
DS-205 (deep)	The non-detect result for acetone is estimated. Results for methylene chloride and benzene are false-positive.
DS-205 (shallow)	The non-detect result for acetone is estimated. Results for methylene chloride and benzene are false-positive.
DS-205 (mid)	The non-detect result for acetone is estimated. Results for methylene chloride and benzene are false-positive.
DS-332 (deep)	Results for acetone and methylene chloride are false-positive.
DS-332 (mid)	Results for acetone and methylene chloride are false-positive.
DS-332 (shallow)	Results for acetone and methylene chloride are false-positive.
DS-224 (mid)	Result for acetone should be considered false-positive. Result for tetrachloroethene is estimated.
DS-224 (shallow)	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
DS-224 (deep)	Result for acetone should be considered false-positive. Result for tetrachloroethene is estimated.
DS-319 (mid)	Result for acetone should be considered false-positive.
DS-105A (mid)	Results for acetone, benzene, and methylene chloride are false-positive.
DS-105A (shallow)	Results for acetone, benzene, and methylene chloride are false-positive.
DS-105A (deep)	Results for acetone and methylene chloride are false-positive.
TREATMENT PLANT SAMPLES	
EW-1	Result for 1,1,1-trichloroethane is considered estimated. The non-detect results for chloromethane, bromomethane, acetone, 2-butanone, *cis*-1,3-dichloropropene, *trans*-1,3-propene, 2-hexanone, and styrene should be considered estimated.
EW-2	Result for 1,1,1-trichloroethane is considered estimated. The non-detect results for chloromethane, bromomethane, acetone, 2-butanone, *cis*-1,3-dichloropropene, *trans*-1,3-propene, 2-hexanone, and styrene should be considered estimated.
EW-2A	Result for 1,1,1-trichloroethane is considered estimated. The non-detect results for chloromethane, bromomethane, acetone, 2-butanone, *cis*-1,3-dichloropropene, *trans*-1,3-propene, 2-hexanone, and styrene should be considered estimated. Result for methylene chloride is false-positive.
EW-4	Result for 1,1,1-trichloroethane is considered estimated. The non-detect results for chloromethane, bromomethane, acetone, 2-butanone, *cis*-1,3-dichloropropene, *trans*-1,3-propene, 2-hexanone, and styrene should be considered estimated. Result for methylene chloride is false-positive.
EW-5	Result for 1,1,1-trichloroethane is considered estimated. The non-detect results for chloromethane, bromomethane, acetone, 2-butanone, *cis*-1,3-dichloropropene, *trans*-1,3-propene, 2-hexanone, and styrene should be considered estimated. Result for methylene chloride is false-positive.
Combined Effluent	Result for 1,1,1-trichloroethane is considered estimated. The non-detect results for chloromethane, bromomethane, acetone, 2-butanone, *cis*-1,3-dichloropropene, *trans*-1,3-propene, 2-hexanone, and styrene should be considered estimated. Result for methylene chloride is false-positive.

Sample Location	Findings of Laboratory Data Quality Review
TREATMENT PLANT SAMPLES (Continued)	
Combined Effluent DUP	Result for 1,1,1-trichloroethane is considered estimated. The non-detect results for chloromethane, bromomethane, acetone, 2-butanone, *cis*-1,3-dichloropropene, *trans*-1,3-propene, 2-hexanone, and styrene should be considered estimated. Result for methylene chloride is false-positive. Result for 1,1-dichloroethane is estimated.
Eastern Plume Influent	Result for 1,1,1-trichloroethane is considered estimated. The non-detect results for chloromethane, bromomethane, acetone, 2-butanone, *cis*-1,3-dichloropropene, *trans*-1,3-propene, 2-hexanone, and styrene should be considered estimated. Result for methylene chloride is false-positive. Result for 1,1-dichloroethane is estimated.
SURFACE WATER	
SW-10	The non-detect results for styrene should be considered estimated. The non-detect result for acetone is estimated.
SW-10 DUP	The non-detect results for styrene should be considered estimated. The non-detect result for acetone is estimated.
SW-11	The non-detect results for styrene should be considered estimated. The non-detect result for acetone is estimated.
SW-12	The non-detect results for styrene should be considered estimated. Results for acetone and methylene chloride are false-positive.
SW-13	The non-detect results for styrene should be considered estimated. Results for acetone and methylene chloride are false-positive.
SW-14	The non-detect results for styrene should be considered estimated. Results for acetone and methylene chloride are false-positive.
SW-9	The non-detect result for acetone is estimated. Results for aluminum, mercury, zinc, and beryllium are false-positive.
SW-8	The non-detect result for acetone is estimated. Results for aluminum, lead, mercury, zinc, and beryllium are false-positive.
SW-4	The non-detect result for acetone is estimated. Results for aluminum, mercury, and beryllium are false-positive.
SW-7	The non-detect result for acetone is estimated. Result for aluminum, mercury, zinc, and beryllium are false-positive.
SW-4 DUP	Results for aluminum, mercury, zinc, and beryllium are false-positive.
LEACHATE STATION SEEP	
SEEP-1	The non-detect result for acetone is estimated. Result for mercury is estimated bias low. Result for aluminum is false-positive.
SEEP-3	The non-detect result for acetone is estimated. The non-detect result for mercury is estimated bias low.
SEEP-4	The non-detect result for acetone is estimated. Result for mercury is estimated bias low. Results for methylene chloride, mercury, zinc, and aluminum are false-positive.
SEEP-5	The non-detect result for acetone is estimated. Result for mercury is estimated bias low. Results for beryllium and mercury are false-positive.
SEEP-9	The non-detect result for acetone is estimated. Result for mercury is estimated bias low. Results for aluminum, mercury, zinc, and beryllium are false-positive. Results for chloroethane and sodium are estimated.
SEEP-9 DUP	The non-detect result for acetone is estimated. Result for mercury is estimated bias low. Results for aluminum, mercury, zinc, and beryllium are false-positive. Results for chloroethane and sodium are estimated.

Sample Location	Findings of Laboratory Data Quality Review
LEACHATE STATION SEDIMENT	
LT-1	The positive and non-detect results for chloromethane, bromomethane, vinyl chloride, chloroethane, carbon disulfide, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloropropane, *cis*-1,3-dichloropropene, trichloroethene, dibromochloromethane, bromodichloromethane, benzene, tetrachloroethene, toluene, chlorobenzene, ethylbenzene, styrene, total xylenes, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene should be considered estimated bias low. Results for beryllium, potassium, and lead are false-positive.
LT-3	The positive and non-detect results for chloromethane, bromomethane, vinyl chloride, chloroethane, carbon disulfide, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloropropane, *cis*-1,3-dichloropropene, trichloroethene, dibromochloromethane, bromodichloromethane, benzene, tetrachloroethene, toluene, chlorobenzene, ethylbenzene, styrene, total xylenes, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1-4-dichlorobenzene should be considered estimated bias low. Results for beryllium, potassium, sodium, and mercury are false-positive.
LT-4	The positive and non-detect results for chloromethane, bromomethane, vinyl chloride, chloroethane, carbon disulfide, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloropropane, *cis*-1,3-dichloropropene, trichloroethene, dibromochloromethane, bromodichloromethane, benzene, tetrachloroethene, toluene, chlorobenzene, ethylbenzene, styrene, total xylenes, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene should be considered estimated bias low. Results for beryllium, potassium, and lead are false-positive.
LT-5	The positive and non-detect results for chloromethane, bromomethane, vinyl chloride, chloroethane, carbon disulfide, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloropropane, *cis*-1,3-dichloropropene, trichloroethene, dibromochloromethane, bromodichloromethane, benzene, tetrachloroethene, toluene, chlorobenzene, ethylbenzene, styrene, total xylenes, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene should be considered estimated bias low. Result for potassium is false-positive.
LT-9	The positive and non-detect results for chloromethane, bromomethane, vinyl chloride, chloroethane, carbon disulfide, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloropropane, *cis*-1,3-dichloropropene, trichloroethene, dibromochloromethane, bromodichloromethane, benzene, tetrachloroethene, toluene, chlorobenzene, ethylbenzene, styrene, total xylenes, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene should be considered estimated bias low. Results for beryllium, potassium, and mercury are false-positive.
LT-9 DUP	The positive and non-detect results for chloromethane, bromomethane, vinyl chloride, chloroethane, carbon disulfide, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloropropane, *cis*-1,3-dichloropropene, trichloroethene, dibromochloromethane, bromodichloromethane, benzene, tetrachloroethene, toluene, chlorobenzene, ethylbenzene, styrene, total xylenes, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene should be considered estimated bias low. Results for beryllium, potassium, and mercury are false-positive.

Sample Location	Findings of Laboratory Data Quality Review
QUALITY ASSURANCE/QUALITY CONTROL SAMPLES	
QD-001	Results for acetone, benzene, and methylene chloride are false-positive.
EP-QS-001	The non-detect result for acetone is estimated. Result for methylene chloride is false-positive.
EP-QS-002	The non-detect result for acetone is estimated.
EP-QS-003	Result for methylene chloride is false-positive.
FB-1	Result for methylene chloride is false-positive.
TRIP-1	Result for methylene chloride is false-positive.
TRIP-2	Result for methylene chloride is false-positive.
TRIP-3	Results for methylene chloride and acetone are false-positive.

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EA. 2000a. Final Long-Term Monitoring Plan. Sites 1 and 3 and Eastern Plume, Naval Air Station, Brunswick, Maine. Prepared for Department of the Navy Northern Division, Naval Facilities Engineering Command. February.

EA. 2000b. Monthly Operations Report for 1-31 December 1999, Ground-Water Extraction and Treatment System, Building 50, Naval Air Station, Brunswick, Maine. January.

EA. 2000c. Monthly Operations Report for 1-31 January 2000, Ground-Water Extraction and Treatment System, Building 50, Naval Air Station, Brunswick, Maine. February.

EA. 2000d. Monthly Operations Report for 1-29 February 2000, Ground-Water Extraction and Treatment System, Building 50, Naval Air Station, Brunswick, Maine. March.

EA. 2000e. Monthly Operations Report for 1-31 March 2000, Ground-Water Extraction and Treatment System, Building 50, Naval Air Station, Brunswick, Maine. April.

EA. 2000f. Monthly Operations Report for 1-30 April 2000, Ground-Water Extraction and Treatment System, Building 50, Naval Air Station, Brunswick, Maine. May.

Appendix A

Laboratory Analytical Data Summary Tables

TABLE A-1 SUMMARY OF GROUND-WATER SAMPLES COLLECTED FROM SITES 1 & 3 BETWEEN 12 AND 13 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			MW-202A	MW-203	MW-204	MW-2101	MW-217B	MW-218
			Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
			Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**						
Total VOC	---	---	69.6	2.3	---	0.5	287	1
1,1,1-Trichloroethane	200	200	41	(<1U)	(<1U)	(<1U)	(<2U)	(<1U)
1,1,2,2-Tetrachloroethane	---	---	14	(<1U)	(<1U)	(<1U)	(<2U)	(<1U)
1,1,2-Trichloroethane	3	5	**4**	(<1U)	(<1U)	(<1U)	(<2U)	(<1U)
1,1-Dichloroethane	70	---	4	1	(<1U)	(<1U)	(<2U)	(<1U)
1,2-Dichlorobenzene	600	600	(<1U)	(<1U)	(<1U)	0.5J	210	(<1U)
1,2-Dichloroethane	5	5	0.6J	0.5J	(<1U)	(<1U)	4	(<1U)
1,2-Dichloroethene, Total	70	70	(<1U)	0.8J	(<1U)	(<1U)	(<2U)	(<1U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	**45**	1
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	4	(<1U)
Chlorobenzene	47	100	(<1U)	(<1U)	(<1U)	(<1U)	3	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<2U)	(<1U)
Methylene Chloride	---	5	(<1U)	(<1U)	(<1U)	(<1U)	(<2U)	(<1U)
Tetrachloroethene	3	5	3	(<1U)	(<1U)	(<1U)	(<2U)	(<1U)
Toluene	1,400	1,000	(<1U)	(<1U)	(<1U)	(<1U)	(<2U)	(<1U)
Trichloroethene	5	5	3	(<1U)	(<1U)	(<1U)	(<2U)	(<1U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	**21**	(<2U)
Xylenes, Total	600	10,000	(<1U)	(<1U)	(<1U)	(<1U)	(<2U)	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-1, CONTINUED

			MW-219	MW-219 (Dup)	MW-240
			Ground Water	Ground Water	Ground Water
			Low-flow Sample	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**			
Total VOC	---	---	---	1	---
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)
1,1,2,2-Tetrachloroethane	---	---	(<1U)	(<1U)	(<1U)
1,1,2-Trichloroethane	3	5	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	---	(<1U)	(<1U)	(<1U)
1,2-Dichlorobenzene	600	600	(<1U)	(<1U)	(<1U)
1,2-Dichloroethane	5	5	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	(<1U)	(<1U)	(<1U)
1,4-Dichlorobenzene	27	75	(<1U)	1	(<1U)
Benzene	5	5	(<1U)	(<1U)	(<1U)
Chlorobenzene	47	100	(<1U)	(<1U)	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)
Methylene Chloride	---	5	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)
Toluene	1,400	1,000	(<1U)	(<1U)	(<1U)
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<1U)	(<1U)	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-2 SUMMARY OF GROUND-WATER SAMPLES COLLECTED FROM SITES 1 & 3 BETWEEN 12 AND 13 APRIL 2000
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			MW-202A	MW-203	MW-204	MW-2101	MW-217B	MW-218
			Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
			Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**						
Aluminum	1,430	200	20.3B*	40.2B*	28.8B*	99.4B*	23,400	**307**
Antimony	2.8	6	(<2.32U)	(<2.32U)	(<2.32U)	(<2.32U)	(<2.32U)	2.7B*
Arsenic	---	50	(<1.98U)	(<1.98U)	(<1.98U)	(<1.98U)	7.8B*	**106**
Barium	1,500	2,000	52.6	51.3	2B*	45	192	6.3
Beryllium	---	4	(<0.56U)	(<0.56U)	(<0.56U)	0.56B*	1.5B*	(<0.56U)
Cadmium	5	5	(<2.61U)	(<2.61U)	(<2.61U)	(<2.61U)	2.8B*	(<2.61U)
Calcium	---	---	124,000	173,000	3,470	78,600	107,000	14,500
Chromium	100	100	(<4.02U)	**647**	(<4.02U)	(<4.02U)	**101**	10.8B*
Cobalt	---	---	13.3B*	(<2.98U)	(<2.98U)	(<2.98U)	45.3	6.4B*
Copper	---	1,300	(<1.93U)	29.9	(<1.93U)	(<1.93U)	37.3	(<1.93U)
Iron	---	300	5,300	2,680	62.9	29.9B*	38,700	3,000
Lead	---	15	(<1.48U)	1.8B*	(<1.48U)	(<1.48U)	**17**	(<1.48U)
Magnesium	---	---	13,200	29,100	1,100	7,060	44,800	8,770
Manganese	200	50	1,030	**60.5**	2.1B*	18.7	3,110	**681**
Mercury	2	2	(<0.02U)	0.02B*	(<0.02U)	0.03B*	0.07B*	0.05B*
Nickel	100	100	23.1B*	**174**	17.4B*	(<11.9U)	**103**	17.4B*
Potassium	---	---	6,340	4,780	732B*	12,000	10,400	9,380
Selenium	10	50	(<2.98U)	(<2.98U)	3.1B*	(<2.98U)	(<2.98U)	(<2.98U)
Sodium	---	---	12,600	24,100	4,400	7,620	212,000	267,000
Thallium	0.4	2	(<3.28U)	(<3.28U)	(<3.28U)	(<3.28U)	**4.3B***	(<3.28U)
Vanadium	---	---	4.9B*	7.1B*	(<4.01U)	(<4.01U)	55	(<4.01U)
Zinc	---	5,000	2.6B*	2.3B*	2.7B*	5.5B*	98.7	4.6B*

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Refer to data Quality Review section (Appendix B) for Method Detection Limits for referenced analytical methods.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-2, CONTINUED

			MW-219	MW-219 (Dup)	MW-240
			Ground Water	Ground Water	Ground Water
			Low-flow Sample	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**			
Aluminum	1,430	200	20.9B*	198	**558**
Antimony	2.8	6	(<2.32U)	(<2.32U)	(<2.32U)
Arsenic	---	50	(<1.98U)	**74.6**	(<1.98U)
Barium	1,500	2,000	3.8B*	5	10.2
Beryllium	---	4	(<0.56U)	(<0.56U)	(<0.56U)
Cadmium	5	5	(<2.61U)	(<2.61U)	(<2.61U)
Calcium	---	---	12,100	11,000	14,500
Chromium	100	100	(<4.02U)	7.4B*	(<4.02U)
Cobalt	---	---	(<2.98U)	(<2.98U)	(<2.98U)
Copper	---	1,300	(<1.93U)	(<1.93U)	(<1.93U)
Iron	---	300	34.4B*	1,360	81.6
Lead	---	15	(<1.48U)	(<1.48U)	(<1.48U)
Magnesium	---	---	4,160	7,180	2,180
Manganese	200	50	(<1.34U)	**320**	**53**
Mercury	2	2	0.02B*	0.03B*	0.04B*
Nickel	100	100	(<11.9U)	(<11.9U)	13.7B*
Potassium	---	---	1,420	9,270	3,570
Selenium	10	50	3.2B*	(<2.98U)	(<2.98U)
Sodium	---	---	7,850	282,000	5,280
Thallium	0.4	2	(<3.28U)	(<3.28U)	(<3.28U)
Vanadium	---	---	(<4.01U)	(<4.01U)	(<4.01U)
Zinc	---	5,000	2.2B*	(<1.55U)	1.8B*

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Refer to data Quality Review section (Appendix B) for Method Detection Limits for referenced analytical methods.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-3 SUMMARY OF GROUND-WATER SAMPLES COLLECTED FROM THE EASTERN PLUME BETWEEN 18 AND 21 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			MW-105A				MW-1104	MW-205			
			Diffusion Sample			Ground Water	Ground Water	Diffusion Sample			Ground Water
			Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample	Low-flow Sample	Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample
Compound/Element	**MEG**	**MCL**									
Total VOC	---	---	1.5	---	---	0.7	83.4	694.1	634.1	588.4	429.4
1,1,1-Trichloroethane	200	200	1	(<1U)	(<1U)	0.7J	55	**330D**	**340D**	**290D**	**210D**
1,1,2-Trichloroethane	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.8J	0.8J	0.7J	(<1U)
1,1-Dichloroethane	70	---	(<1U)	(<1U)	(<1U)	(<1U)	8	2	1	1	0.9J
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	0.8J	**30**	**29**	**25**	**18**
1,2-Dichloroethane	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.8J	0.8J	0.7J	0.5J
1,2-Dichloroethene, Total	70	70	(<1U)	(<1U)	(<1U)	(<1U)	13	22	22	19	14
Acetone	---	---	4J	3J	3J	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Benzene	5	5	(<1U)	0.8J	2	(<1U)	(<1U)	**6**	5	**8**	4
Bromodichloromethane	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Carbon Tetrachloride	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroethane	---	---	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Chloroform	---	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.5J	0.5J	(<1U)	(<1U)
Methylene Chloride	---	5	0.7JB	0.5JB	0.6JB	0.6JB	(<1U)	2B	2B	2B	2B
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	0.6J	**28**	**30**	**22**	**16**
Trichloroethene	5	5	0.5J	(<1U)	(<1U)	(<1U)	**6**	**280D**	**210D**	**230D**	**170**

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOC detected in Field Blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-3, CONTINUED

			MW-207A	MW-207A (Dup)	MW-224				MW-224 (Dup)	MW-225A
			Ground Water	Ground Water	Diffusion Sample			Ground Water	Ground Water	Ground Water
			Low-flow Sample	Low-flow Sample	Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**								
Total VOC	---	---	81	81	0.6	0.6	---	1.5	1.5	8.6
1,1,1-Trichloroethane	200	200	12	12	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	2
1,1,2-Trichloroethane	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethene	7	7	1	1	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethane	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	28	28	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	4
Acetone	---	---	(<5U)	(<5U)	4J	4J	(<5U)	(<5U)	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Carbon Tetrachloride	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroethane	---	---	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Chloroform	---	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Methylene Chloride	---	5	0.6JB	0.8JB	(<1U)	(<1U)	0.8JB	0.6JB	0.6JB	0.6JB
Tetrachloroethene	3	5	**13**	**13**	0.6J	0.6J	(<1U)	1	1	0.6J
Trichloroethene	5	5	**27**	**27**	(<1U)	(<1U)	(<1U)	0.5J	0.5J	2

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOC detected in Field Blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-3, CONTINUED

			MW-229A				MW-229A (Dup)			MW-230A	MW-231A
			Diffusion Sample			Ground Water	Diffusion Sample			Ground Water	Ground Water
			Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample	Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**									
Total VOC	---	---	84	79	67	106	86	84	66	0.7	---
1,1,1-Trichloroethane	200	200	36	34	27	48	36	36	27	(<1U)	(<1U)
1,1,2-Trichloroethane	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethene	7	7	3	2	2	2	3	3	2	(<1U)	(<1U)
1,2-Dichloroethane	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.7J	(<1U)
1,2-Dichloroethene, Total	70	70	7	7	7	6	7	7	6	(<1U)	(<1U)
Acetone	---	---	(<5U)	3J	4J	(<5U)	3J	3J	4J	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	3	(<1U)	(<1U)	(<1U)	2	(<1U)	(<1U)
Bromodichloromethane	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Carbon Tetrachloride	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroethane	---	---	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Chloroform	---	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Methylene Chloride	---	5	0.7JB	0.6JB	0.5JB	1B	0.6JB	0.7JB	0.6JB	1B	0.6JB
Tetrachloroethene	3	5	**4**	**4**	**4**	**6**	**5**	**5**	**4**	(<1U)	(<1U)
Trichloroethene	5	5	**34**	**32**	**27**	**44**	**35**	**33**	**27**	(<1U)	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOC detected in Field Blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-3, CONTINUED

			MW-311				MW-311 (Dup)		MW-313	MW-318
			Diffusion Sample			Ground Water	Diffusion Sample	Ground Water	Ground Water	Ground Water
Compound/Element	**MEG**	**MCL**	Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample	Mid-depth Diffusion	Low-flow Sample	Low-flow Sample	Low-flow Sample
Total VOC	---	---	732.6	477.6	390.6	744.8	503.6	748.7	5	---
1,1,1-Trichloroethane	200	200	**430D**	31	24	**420D**	35	**420D**	(<1U)	(<1U)
1,1,2-Trichloroethane	3	5	0.6J	0.6J	0.6J	0.8J	0.6J	0.7J	(<1U)	(<1U)
1,1-Dichloroethane	70	---	14	**82**	65	19	**83**	22	3	(<1U)
1,1-Dichloroethene	7	7	**63**	**120**	**100**	**66**	**130**	**70**	2	(<1U)
1,2-Dichloroethane	5	5	1	5	4	2	5	2	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	14	3	2	7	3	9	(<1U)	(<1U)
Acetone	---	---	3J	4J	4J	(<5U)	3J	(<5U)	(<5U)	(<5U)
Benzene	5	5	1	0.9J	0.7J	(<1U)	0.9J	(<1U)	(<1U)	(<1U)
Bromodichloromethane	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Carbon Tetrachloride	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroethane	---	---	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Chloroform	---	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Methylene Chloride	---	5	1B	**7B**	5B	2B	**6B**	2B	0.5JB	(<1U)
Tetrachloroethene	3	5	**20**	**6**	**5**	**20**	**7**	**15**	(<1U)	(<1U)
Trichloroethene	5	5	**190D**	**230D**	**190D**	**210D**	**240D**	**210D**	(<1U)	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOC detected in Field Blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-3, CONTINUED

			MW-319				MW-330	MW-331			
			Diffusion Sample			Ground Water	Ground Water	Diffusion Sample			Ground Water
			Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample	Low-flow Sample	Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample
Compound/Element	**MEG**	**MCL**									
Total VOC	---	---	90	94	120	95	---	520.5	608.5	708.9	655.6
1,1,1-Trichloroethane	200	200	1	2	6	2	(<1U)	**320D**	**390D**	**440D**	**380D**
1,1,2-Trichloroethane	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.5J	0.5J	(<1U)	0.6J
1,1-Dichloroethane	70	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	24	26	19	23
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	**47**	**51**	**39**	**46**
1,2-Dichloroethane	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	1	1	0.9J	2
1,2-Dichloroethene, Total	70	70	6	5	11	7	(<1U)	13	13	43	15
Acetone	---	---	(<5U)	4JB	(<5U)	(<5U)	(<5U)	2J	(<5U)	3J	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.8J	0.9J	4	2
Bromodichloromethane	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Carbon Tetrachloride	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroethane	---	---	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	1J	2	(<2U)	1J
Chloroform	---	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Methylene Chloride	---	5	(<1U)	(<1U)	0.7JB	(<1U)	(<1U)	3B	3B	2B	3B
Tetrachloroethene	3	5	**71**	**70**	**80**	**70**	(<1U)	**4**	**5**	**7**	**8**
Trichloroethene	5	5	**12**	**17**	**23**	**16**	(<1U)	**110**	**120**	**160**	**180**

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOC detected in Field Blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-3, CONTINUED

			MW-332				MW-333	MW-334
			Diffusion Sample			Ground Water	Ground Water	Ground Water
			Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**						
Total VOC	---	---	258.6	296.7	136.8	261.6	5	1.3
1,1,1-Trichloroethane	200	200	180	200	94	180	(<1U)	(<1U)
1,1,2-Trichloroethane	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	---	5	6	3	5	4	0.8J
1,1-Dichloroethene	7	7	**15**	**19**	**9**	**15**	1	(<1U)
1,2-Dichloroethane	5	5	0.6J	0.7J	(<1U)	0.6J	(<1U)	0.5J
1,2-Dichloroethene, Total	70	70	2	3	1	2	(<1U)	(<1U)
Acetone	---	---	3J	3J	3J	(<5U)	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Carbon Tetrachloride	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroethane	---	---	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Chloroform	---	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Methylene Chloride	---	5	0.7JB	0.7JB	0.6JB	0.7JB	0.5JB	0.8JB
Tetrachloroethene	3	5	2	3	0.8J	2	(<1U)	(<1U)
Trichloroethene	5	5	**54**	**65**	**29**	**57**	(<1U)	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOC detected in Field Blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-3, CONTINUED

			MW-NASB-212				P-106	P-106 (Dup)	P-111	P-132
			Diffusion Sample			Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
			Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**								
Total VOC	---	---	9	18.7	13	20.7	4,145.8	5,623	---	---
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	3,100D	3,800D	(<1U)	(<1U)
1,1,2-Trichloroethane	3	5	(<1U)	(<1U)	(<1U)	(<1U)	2	2	(<1U)	(<1U)
1,1-Dichloroethane	70	---	(<1U)	(<1U)	(<1U)	(<1U)	40	48	(<1U)	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	**260D**	**440D**	(<1U)	(<1U)
1,2-Dichloroethane	5	5	(<1U)	(<1U)	(<1U)	(<1U)	3	3	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	1	2	1	2	12	16	(<1U)	(<1U)
Acetone	---	---	4J	3J	4J	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	5	(<1U)	2	2	(<1U)	(<1U)
Bromodichloromethane	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Carbon Tetrachloride	---	---	(<1U)	(<1U)	(<1U)	(<1U)	1	(<1U)	(<1U)	(<1U)
Chloroethane	---	---	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Chloroform	---	100	(<1U)	(<1U)	(<1U)	(<1U)	0.8J	1	(<1U)	(<1U)
Methylene Chloride	---	5	(<1U)	0.6JB	0.7JB	(<1U)	0.6JB	0.5JB	1B	(<1U)
Tetrachloroethene	3	5	(<1U)	0.7J	(<1U)	0.7J	**17**	**13**	(<1U)	(<1U)
Trichloroethene	5	5	**8**	**16**	**12**	**18**	**710D**	1,300D	(<1U)	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOC detected in Field Blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-3, CONTINUED

			MW-231B	MW-303	MW-305	MW-306				MW-308	MW-309B
			Ground Water	Ground Water	Ground Water	Diffusion Sample			Ground Water	Ground Water	Ground Water
			Low-flow Sample	Low-flow Sample	Low-flow Sample	Deep Diffusion	Mid-depth Diffusion	Shallow Diffusion	Low-flow Sample	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**									
Total VOC	---	---	---	---	---	363	81	50.9	261.6	---	---
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	180	34	19	120	(<1U)	(<1U)
1,1,2-Trichloroethane	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	---	(<1U)	(<1U)	(<1U)	23	3	2	17	(<1U)	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	**10**	2	0.9J	6	(<1U)	(<1U)
1,2-Dichloroethane	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	(<1U)	(<1U)	(<1U)	**71**	8	4	50	(<1U)	(<1U)
Acetone	---	---	(<5U)	3J	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	---	---	(<1U)	(<1U)	(<1U)	1	(<1U)	(<1U)	1	(<1U)	(<1U)
Carbon Tetrachloride	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroethane	---	---	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Chloroform	---	100	(<1U)	(<1U)	(<1U)	8	(<1U)	(<1U)	7	(<1U)	(<1U)
Methylene Chloride	---	5	0.6JB	0.8JB	0.6JB	1B	(<1U)	(<1U)	0.6JB	0.9JB	1B
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.6J	(<1U)	(<1U)
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	**70**	**34**	**25**	**60**	(<1U)	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (μg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOC detected in Field Blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-4 SUMMARY OF GROUND-WATER SAMPLES COLLECTED FROM THE GWETS ON 17 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			Eastern Plume Combined Effluent	Eastern Plume Combined Effluent (Dup)	Eastern Plume Raw Influent	EW-01	EW-02	EW-02A	EW-04	EW-05
			Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
			Grab Sample	Grab Sample	Grab Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample	Low-flow Sample
Compound/Element	**MEG**	**MCL**								
Total VOC	---	---	209.3	229.7	459.9	107	33	746	552.3	174.4
1,1,1-Trichloroethane	200	200	200	200	**270D**	34	3	**480D**	**320D**	92
1,1-Dichloroethane	70	---	7	11	15	2	(<1U)	18	21	13
1,1-Dichloroethene	7	7	0.8J	3	**36**	5	(<1U)	**58**	**29**	**16**
1,2-Dichloroethane	5	5	0.5J	0.7J	0.9J	(<1U)	(<1U)	2	0.7J	0.6J
1,2-Dichloroethene, Total	70	70	(<1U)	4	27	20	8	8	63	9
Bromodichloromethane	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.6J	(<1U)
Chloroform	---	100	1	1	2	(<1U)	(<1U)	(<1U)	5	(<1U)
Methylene Chloride	---	5	0.5JB	0.8JB	0.9JB	(<1U)	(<1U)	2B	0.8JB	0.6JB
Tetrachloroethene	3	5	(<1U)	(<1U)	**11**	**8**	**16**	**10**	3	0.8J
Trichloroethene	5	5	(<1U)	**10**	**98**	**38**	**6**	**170**	**110**	**43**

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-5 SUMMARY OF SURFACE WATER SAMPLES COLLECTED FROM SITES 1 & 3 ON 13 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SW-04	SW-04 (Dup)	SW-07	SW-08	SW-09
			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	**MEG**	**MCL**					
Total VOC	---	---	---	---	2	---	---
1,1-Dichloroethane	---	---	(<1U)	(<1U)	2	(<1U)	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.

TABLE A-6 SUMMARY OF SURFACE WATER SAMPLES COLLECTED FROM SITES 1 & 3 ON 13 APRIL 2000
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			SW-04	SW-04 (Dup)	SW-07	SW-08	SW-09
			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	**MEG**	**MCL**					
Aluminum	---	---	91.6B*	96.4B*	85.9B*	178	122
Barium	---	---	18.6	18.3	18.6	20.1	17.5
Beryllium	---	---	0.13B*	0.2B*	0.16B*	0.18B*	0.22B*
Calcium	---	---	8,960	8,980	10,300	9,090	8,200
Chromium	---	---	0.76B*E	0.78B*E	(<0.74UE)	(<0.74UE)	1.3B*E
Cobalt	---	---	(<0.71U)	(<0.71U)	(<0.71U)	(<0.71U)	1B*
Iron	---	---	591	598	1,070	1,150	878
Lead	---	---	(<1.48U)	(<1.48U)	(<1.48U)	1.5B*	(<1.48U)
Magnesium	---	---	1,780	1,770	2,110	1,850	1,710
Manganese	---	---	155	154	266	197	162
Mercury	---	---	0.03B*N	0.03B*N	0.03B*N	0.03B*N	0.03B*N
Potassium	---	---	2,000	1,910	2,060	2,000	1,730
Sodium	---	---	16,400	16,400	16,200	16,300	14,600
Vanadium	---	---	1.4B*	1.1B*	(<0.94U)	1.1B*	(<0.94U)
Zinc	---	---	5.4B*	12.1B*	5.1B*	6.7B*	6.1B*

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
E = Estimated value due to interference.
N = Spike recovery outside control limits.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Refer to data Quality Review section (Appendix B) for Method Detection Limits for referenced analytical methods.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE A-7 SUMMARY OF SURFACE WATER SAMPLES COLLECTED FROM THE EASTERN PLUME ON 13 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SW-10	SW-10 (Dup)	SW-11	SW-12	SW-13	SW-14
			Surface Water Grab Sample	Surface Water Grab Sample	Surface Water Grab Sample	Surface Water Grab Sample	Surface Water Grab Sample	Surface Water Grab Sample
Compound/Element	**MEG**	**MCL**						
Total VOC	---	---	---	---	---	---	---	---
Acetone	---	---	(<5U)	(<5U)	(<5U)	3J	9	8

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.

TABLE A-8 SUMMARY OF LEACHATE SAMPLES COLLECTED FROM SITES 1 & 3 ON 13 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SEEP-01	SEEP-03	SEEP-04	SEEP-05	SEEP-09	SEEP-09 (Dup)
			Leachate	Leachate	Leachate	Leachate	Leachate	Leachate
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	**MEG**	**MCL**						
Total VOC	---	---	3	7.6	54.9	5.5	22	17
1,1,1-Trichloroethane	---	---	2	3	(<1U)	(<1U)	(<1U)	(<1U)
1,1,2,2-Tetrachloroethane	---	---	1	3	(<1U)	(<1U)	(<1U)	(<1U)
1,1,2-Trichloroethane	---	---	(<1U)	0.6J	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	---	---	(<1U)	1	12	(<1U)	1	1
1,1-Dichloroethene	---	---	(<1U)	(<1U)	0.6J	(<1U)	(<1U)	(<1U)
1,2-Dichlorobenzene	---	---	(<1U)	(<1U)	0.7J	2	9	8
1,2-Dichloroethane	---	---	(<1U)	(<1U)	(<1U)	0.5J	(<1U)	(<1U)
1,2-Dichloroethene, Total	---	---	(<1U)	(<1U)	27	(<1U)	(<1U)	(<1U)
1,4-Dichlorobenzene	---	---	(<1U)	(<1U)	1	3	3	3
Chlorobenzene	---	---	(<1U)	(<1U)	0.6J	(<1U)	2	2
Chloroethane	---	---	(<2U)	(<2U)	(<2U)	(<2U)	7	3
Ethylbenzene	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Methylene Chloride	---	---	(<1U)	(<1U)	0.6JB	(<1U)	(<1U)	(<1U)
Trichloroethene	---	---	(<1U)	(<1U)	4	(<1U)	(<1U)	(<1U)
Vinyl Chloride	---	---	(<2U)	(<2U)	9	(<2U)	(<2U)	(<2U)
Xylenes, Total	---	---	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.

TABLE A-9 SUMMARY OF LEACHATE SAMPLES COLLECTED FROM SITES 1 & 3 ON 13 APRIL 2000
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			SEEP-01	SEEP-03	SEEP-04	SEEP-05	SEEP-09	SEEP-09 (Dup)
			Leachate	Leachate	Leachate	Leachate	Leachate	Leachate
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	**MEG**	**MCL**						
Aluminum	---	---	18,200	187	78.6B*	1,960	52.9B*	80.5B*
Antimony	---	---	3.6B*	(<2.32U)	(<2.32U)	(<6.96U)	(<2.32U)	(<2.32U)
Arsenic	---	---	52.7	(<1.98U)	(<1.98U)	1,410	5B*	8.6
Barium	---	---	752	41.9	51.2	173	27	27.4
Beryllium	---	---	11.4	0.17B*	(<0.11U)	0.13B*	0.15B*	0.14B*
Cadmium	---	---	20E	(<0.3UE)	(<0.3UE)	(<0.9UE)	(<0.3UE)	(<0.3UE)
Calcium	---	---	228,000	70,300	136,000	89,200	42,200	42,500
Chromium	---	---	32.8E	(<0.74UE)	(<0.74UE)	1.3B*E	(<0.74UE)	0.88B*E
Cobalt	---	---	1,370	2.1B*	4.3B*	5.5B*	1.2B*	1.2B*
Copper	---	---	85.3	(<1.52U)	1.8B*	8.9B*	(<1.52U)	(<1.52U)
Iron	---	---	197,000	22,900	24,700	282,000	12,800	16,100
Lead	---	---	168	(<1.48U)	(<1.48U)	(<4.44U)	(<1.48U)	(<1.48U)
Magnesium	---	---	14,800	11,400	16,600	29,400	10,500	10,400
Manganese	---	---	14,000	2,270	842	2,270	1,520	1,540
Mercury	---	---	3.4N	(<0.02UN)	0.05B*N	0.09B*N	0.03B*N	0.02B*N
Nickel	---	---	348	(<1.1U)	2.6B*	2.8B*	(<1.1U)	(<1.1U)
Potassium	---	---	13,100	4,160	12,600	5,280	6,100	5,800
Selenium	---	---	12.2	(<2.98U)	(<2.98U)	(<8.94U)	(<2.98U)	(<2.98U)
Silver	---	---	1.5B*	(<1.04U)	(<1.04U)	(<1.04U)	(<1.04U)	(<1.04U)
Sodium	---	---	16,500	12,200	25,000	31,000	21,900	21,500
Thallium	---	---	8.2B*	3.6B*	(<3.28U)	(<9.84U)	(<3.28U)	(<3.28U)
Vanadium	---	---	179	1.3B*	(<0.94U)	9.6B*	(<0.94U)	1.2B*
Zinc	---	---	487	2.3B*	1.2B*	15.6B*	1.2B*	4B*

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
E = Estimated value due to interference.
N = Spike recovery outside control limits.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Refer to data Quality Review section (Appendix B) for Method Detection Limits for referenced analytical methods.

TABLE A-10 SUMMARY OF LEACHATE SAMPLES COLLECTED FROM THE EASTERN PLUME ON 13 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SEEP-10	SEEP-11
			Leachate	Leachate
			Grab Sample	Grab Sample
Compound/Element	**MEG**	**MCL**		
Total VOC	---	---	---	---

NONE DETECTED

TABLE A-11 SUMMARY OF SEDIMENT SAMPLES COLLECTED FROM SITES 1 & 3 ON 13 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			LT-01	LT-03	LT-04	LT-05	LT-09	LT-09 (Dup)
			Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	**MEG**	**MCL**						
Total VOC	---	---	107	70	2,032	1,712	717	775
1,1,1-Trichloroethane	---	---	(<5U)	16	(<7.4U)	(<8U)	(<3.6U)	(<4U)
1,1,2,2-Tetrachloroethane	---	---	20	45	(<7.4U)	(<8U)	(<3.6U)	(<4U)
1,1,2-Trichloroethane	---	---	23	(<2.3U)	(<7.4U)	(<8U)	(<3.6U)	(<4U)
1,1-Dichloroethane	---	---	27	(<2.3U)	200	(<8U)	13	14
1,2-Dichlorobenzene	---	---	(<5U)	9	350	890	480	510
1,2-Dichloroethene, Total	---	---	(<5U)	(<2.3U)	450	(<8U)	(<3.6U)	(<4U)
1,3-Dichlorobenzene	---	---	(<5U)	(<2.3U)	32	(<8U)	(<3.6U)	(<4U)
1,4-Dichlorobenzene	---	---	(<5U)	(<2.3U)	660	690	140	150
2-Butanone	---	---	37	(<12U)	64	110	29	32
Acetone	---	---	85B	(<12U)	150B	250B	73	83B
Chlorobenzene	---	---	(<5U)	(<2.3U)	77	22	55	55
Chloroethane	---	---	(<10U)	(<4.6U)	(<15U)	(<17U)	(<7.2U)	14
Methylene Chloride	---	---	53B	16B	65B	140B	29B	48B
Trichloroethene	---	---	(<5U)	(<2.3U)	140	(<8U)	(<3.6U)	(<4U)
Vinyl Chloride	---	---	(<10U)	(<4.6U)	59	(<17U)	(<7.2U)	(<8U)
Xylenes, Total	---	---	(<26U)	(<12U)	(<37U)	(<42U)	(<18U)	(<20U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
U = Not detected. Sample quantitation limits are shown as (<____U).
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.

TABLE A-12 SUMMARY OF SEDIMENT SAMPLES COLLECTED FROM SITES 1 & 3 ON 13 APRIL 2000
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			LT-01	LT-03	LT-04	LT-05	LT-09	LT-09 (Dup)
			Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	**MEG**	**MCL**						
Aluminum	---	---	534E	4,330E	2,250E	8,200E	8,560E	7,350E
Arsenic	---	---	6.2B*	4.2	79.9	426	229	354
Barium	---	---	127	118	82.6	42.2	79	74.9
Beryllium	---	---	0.31B*	0.36B*	0.64B*	0.92B*	0.6B*	0.57B*
Cadmium	---	---	(<0.56U)	0.32B*	0.76B*	0.88B*	(<0.78U)	(<0.88U)
Calcium	---	---	10,900	3,610	19,800	10,900	12,300	11,500
Chromium	---	---	(<0.27U)	13.2	11.2	21.1	14.4	12.9
Cobalt	---	---	14E	10.7E	23.3E	140E	81.7E	34.1E
Copper	---	---	6B*	6	12.6B*	17.9	17.8B*	14.9B*
Iron	---	---	247,000	36,800	221,000	109,000	278,000	304,000
Lead	---	---	4.7B*	6.5	35.8	65.4	33.2	27.1
Magnesium	---	---	314	2,020	947	3,150	2,230	1,980
Manganese	---	---	855	7,180	422	1,880	7,270	6,400
Mercury	---	---	0.24	0.14	1.1	0.32	0.15	0.14
Nickel	---	---	22.3E	10.9E	14.2B*E	45.8E	14.6E	10.8B*E
Potassium	---	---	330B*	896	663	1,170	1,180	1,140
Selenium	---	---	(<5.53U)	0.56B*	3.6B*	3.2B*	(<7.71U)	(<8.7U)
Silver	---	---	(<0.39U)	0.84B*	(<0.59U)	0.69B*	1.2B*	1B*
Sodium	---	---	160	85.1	324	512	222	252
Thallium	---	---	7.8B*	(<0.58U)	(<3.73U)	(<1.99U)	10B*	(<9.58U)
Vanadium	---	---	5.8B*	15.2	24.3	39.5	13.5	7.5
Zinc	---	---	43.4E	21.7E	23E	58.8E	80.6E	67.5E

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per kilogram (µg/Kg).
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
E = Estimated value due to interference.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Refer to data Quality Review section (Appendix B) for Method Detection Limits for referenced analytical methods.

TABLE A-13 SUMMARY OF QUALITY CONTROL SAMPLES COLLECTED FROM SITES 1 & 3 ON 13 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			QD-001	QS-001	QS-002	QT-001
			Source Water Blank	Rinsate Blank	Rinsate Blank	Trip Blank
			QC Sample	QC Sample	QC Sample	QC Sample
Compound/Element	**MEG**	**MCL**				
Total VOC	---	---	---	---	---	---
Acetone	---	---	(<5U)	(<5U)	(<5U)	3J
Methylene Chloride	---	---	(<1U)	0.7JB	(<1U)	1B

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.

TABLE A-14 SUMMARY OF QUALITY CONTROL SAMPLES COLLECTED FROM SITES 1 & 3 ON 13 APRIL 2000
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			QD-001	QS-001	QS-002
			Source Water Blank	Rinsate Blank	Rinsate Blank
			QC Sample	QC Sample	QC Sample
Compound/Element	**MEG**	**MCL**			
Aluminum	---	---	(<16.44U)	21.9B*	30.4B*
Beryllium	---	---	0.18B*	0.18B*	0.17B*
Calcium	---	---	24.7B*	46.9B*	57.7
Copper	---	---	(<1.52U)	(<1.52U)	1.7B*
Lead	---	---	1.8B*	(<1.48U)	(<1.48U)
Manganese	---	---	0.35B*	2.2B*	0.55B*
Mercury	---	---	0.03B*N	0.03B*N	0.06B*N
Potassium	---	---	342B*	416B*	(<338.02U)
Sodium	---	---	24.9B*	77.9B*	69.3B*
Zinc	---	---	(<0.32U)	1.5B*	1.1B*

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
N = Spike recovery outside control limits.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Refer to data Quality Review section (Appendix B) for Method Detection Limits for referenced analytical methods.

TABLE A-15 SUMMARY OF QUALITY CONTROL SAMPLES COLLECTED FROM THE EASTERN PLUME BETWEEN 13 AND 20 APRIL 2000
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			FB-1	QS-001	QT-001
			Field Blank	Rinsate Blank	Trip Blank
			QC Sample	QC Sample	QC Sample
Compound/Element	**MEG**	**MCL**			
Total VOC	---	---	---	---	---
Acetone	---	---	6	(<5U)	3J
Benzene	---	---	4	(<1U)	(<1U)
Methylene Chloride	---	---	0.5JB	(<1U)	1B

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOC detected in Field Blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and chemicals of concern listed in the Final Long-Term Monitoring Plan (EA 1999b), are shown on this table.

Appendix B

Field Monitoring and Sampling Forms

B.1 Field Record of Well Gauging Forms
B.2 Field Record of Well Gauging, Purging, and Sampling Forms
B.3 Field Record of Surface Water and Sediment Sampling Forms
B.4 Field Record of Seep Sampling Forms
B.5 Field Record of Landfill Gas Monitoring

Appendix B.1

Field Record of Well Gauging Forms

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 16 Sites 1-3	Project No: 2960047	Date: 3/27/00
Weather/Temperature:		
EA Personnel: SC BA	Equipment: Slope indicator TVA 1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW201R	Y Y	Y	0	0	Good		58.88	10.28	49.08	48.60
MW202A	Y Y	Y	0	0	Good		52.40	20.84	31.09	31.56
MW202B	Y Y	Y	0	0	Good		53.04	DRY	17.93	—
MW203	Y Y	Y	0	0	Good		52.75	31.68	42.04	21.07
MW204	Y Y	Y	0	0	Good		50.50	29.99	37.18	20.51
MW210A	Y Y	Y	0	0	Good		52.17	18.94	106.32	33.23
MW210B	Y Y	Y	0	0	Good		54.72	30.09	40.50	24.63
MW210R	Y Y	Y	0	0	Good		55.90	21.71	112.00	34.19
MW211A	Y Y	Y	0	0	Good		65.59	24.40	142.76	41.19
MW211B	Y Y	Y	0	0	Good		65.44	31.65	36.50	33.79
MW215R	Y Y	Y	0	36	Good		62.26	30.15	59.00	32.11
MW216A	Y Y	Y	0	0	Good		71.17	38.28	47.71	3289
MW217A	Y Y	Y	0	0	Good		61.78	29.90	47.40	31.88
MW240	Y Y	Y	0	0	Good		52.21	31.11	42.60	21.10

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 16 Sites 1+3	Project No: 29600047	Date: 3/27/00
Weather/Temperature:		
EA Personnel: SC, BA	Equipment: Slope indicator, TVA 1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm)		Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
			Air Ambient	Well Mouth						
MW217B	Y Y	Y	0	0	Good		61.23	28.25	32.90	33.00
MW218	Y Y	Y	0	0	Good		54.16	33.88	53.54	20.28
MW219	Y Y	Y	0	0	Good		51.87	30.44	71.82	21.43
MW220	Y Y	Y	0	0	Good		47.20	27.22	51.50	19.98
MW232R	Y Y	Y	0	26	Good		71.18	38.70	54.74	32.48
MW233R	Y Y	Y	0	0	Good		63.94	31.53	38.71	32.41
MW234R	Y Y	Y	0	108	Good		68.55	36.20	59.52	32.35
MW2101	Y Y	Y	0	0	Good		61.05	12.29	30.00	48.76
EW-6	Y Y	Y	0	0	Vault Sinking		57.74	22.00	39.05	35.74
EW-7	Y Y	Y	0	0	Good		51.13	26.82	38.90	24.31
EP-16	Y Y	Y	0	0	Good		58.92	34.15	58.77	24.77
EP-17	Y Y	Y	0	0	Good		69.73	37.10	42.85	32.63
EP-18	Y Y	Y	0	0	Good		68.58	35.97	38.10	32.61
EP-19	Y Y	Y		0	Good		68.22	35.65	47.30	32.57
EP-20	Y Y	Y		0	Good		69.55	36.75	47.25	32.80

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 16 EP	Project No: 29600.47	Date: 3/29/00
Weather/Temperature:		
EA Personnel: SC, BA	Equipment: Slope indicator TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-105B	Y Y	Y	0	0	Good		24.55	7.56	21.91	16.99
MW-106	Y Y	Y	0	0	Good		51.26	23.94	37.27	27.32
MW-206B	Y Y	Y	0	0	Good		42.77	19.86	27.17	22.91
MW-207B	Y Y	Y	0	0	Good		22.90	2.80	9.21	20.10
MW-209	Y Y	Y	0	0	Good		54.84	26.68	32.38	28.16
MW-222	Y Y	Y	0	0	Good		57.43	28.55	45.34	28.88
MW-223	Y Y	Y	0	0	Good		53.71	25.95	42.61	11.10
MW-224	Y Y	Y	0	0	Good		57.63	27.89	46.01	29.74
MW-225B	Y Y	Y	0	0	Good		46.25	21.31	42.00	24.94
MW-229B	Y Y	Y	0	0	Good		30.08	15.14	33.14	14.94
MW-231B	Y Y	Y	0	0	Good		46.31	25.74	37.99	20.57
MW-307	Y Y	Y	0	0	Good		62.70	16.12	22.21	46.58
MW-313	Y Y	Y	0	0	Good		21.39	8.43	37.47	12.96

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: 2tmp Event 16 EP	Project No: 29600.47	Date: 3/29/00
Weather/Temperature:		
EA Personnel: SC, BA	Equipment: Slope indicator TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-318	Y Y	Y	0	0	Good		24.28	4.79	25.14	19.49
MW-332	Y Y	Y	0	0	Good		25.33	9.76	21.03	15.57
MW-1104	Y Y	Y	0	0	Good		60.09	11.94	27.55	48.15
MW-105A	Y Y	Y	0	0	Good		24.19	2.73	47.75	21.46
MW-205	Y Y	Y	0	0	Good		45.99	23.59	79.00	22.40
MW-206A	Y Y	Y	0	0	Good		43.02	19.34	74.36	23.68
MW-207A	Y Y	Y	0	0	*Poor		24.06	** Artesian	75.55	>24.06
MW-208	Y Y	Y	0	0	Good		49.40	21.8	102.80	27.60
MW-225A	Y Y	Y	0	0	Good		45.95	19.45	76.03	26.50
MW-229A	Y Y	Y	0	0	Good		39.83	13.56	64.97	20.27
MW-230A	Y Y	Y	0	0	Good		36.32	15.64	81.49	20.68
MW-231A	Y Y	Y	0	0	Good		45.41	21.16	61.19	24.25
MW303	Y Y	Y	0	0	Good		44.28	12.04	72.75	32.24

NOTE: All measurements in feet mean sea level (MSL).

* MW-207A steel casing has been cut to approximately 0.5-1 Ft aboveground. The PVC casing was broken approximately ground level. a plug has been placed to [illegible] it the artesian flow.

* unable to put pressure cap on PVC

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP E Jent 16 EP	Project No: 29600047	Date: 3/29/00
Weather/Temperature:		
EA Personnel: SYC BIA	Equipment: slope indicator, TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-305	Y Y	Y	0	0	Good	--	43.09	12.15	53.51	30.94
MW306	Y Y	Y	0	0	Good		52.12	19.12	56.98	33.00
MW310	Y Y	Y	0	0	Good		53.39	28.52	73.25	24.87
MW311	Y Y	Y	0	0	Good		21.48	16.80	56.25	4.68
MW312	Y Y	Y	0	0	Good		35.97	11.90	71.15	24.07
MW329	Y Y	Y	0	0	Good		40.16	14.75	72.60	25.41
MW330	Y Y	Y	0	0	Good		35.71	5.44	36.36	30.27
MW331	Y Y	Y	0	0	Good		30.54	2.89	56.23	27.65
MW333	Y Y	Y	0	0	Good		27.25	11.21	42.85	16.04
MW334	Y Y	Y	0	0	Good		30.93	11.35	47.80	19.58
MW NASB 212	Y Y	Y	0	0	Good		41.64	9.37	64.29	32.27
MW308	Y Y	Y	0	0	Good		37.70	4.90	73.25	32.80
MW309A	Y Y	Y	0	0	Good		22.84	+4.61	72.71	27.45

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 16 EP	Project No: 2960047	Date: 3/29/00
Weather/Temperature:		
EA Personnel: SC, BA	Equipment: Slope indicator, JVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW309B	Y Y	Y	0	0	Good		22.32	1.43	59.25	20.89
MW316A	Y Y	Y	0	0	Good		53.71	22.08	103.10	31.63
MW316B	Y Y	Y	0	0	Good		54.40	13.16	57.85	41.24
MW317A	Y Y	Y	0	0	Good		71.35	15.88	120.79	55.47
MW318B	Y Y	Y	0	0	Good		70.10	14.63	96.95	55.47
P103	Y Y	Y	0	0	Good		60.35	26.57	28.75	33.78
P110	Y Y	Y	0	0	Good		56.70	DRY	23.87	—
P111	Y Y	Y	0	0	Good		31.48	4.13	9.98	27.35
P112	Y Y	Y	0	0	Good		41.12	10.83	16.41	30.29
P121	Y Y	Y	0	0	Good		50.78	5.10	17.35	45.68
P124	Y Y	Y	0	0	Good		51.12	DRY	23.10	—
P132	Y Y	Y	0	0	Good		42.95	17.21	32.46	25.74
P105	Y Y	Y	0	0	Good		42.08	9.57	70.35	32.51

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP EVent 16 EP	Project No: 29600047	Date: 3/29/00
Weather/Temperature:		
EA Personnel: SC, BA	Equipment: Slope indicator, TVA1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
P-106	Y Y	Y	0	0	Good		38.83	10.50	72.40	28.33
EW-1	Y Y	Y	0	0	Good		25.34	9.30	99.66	16.04
EW-2	Y Y	Y	0	0	Good		31.63	10.17	90.86	21.46
EW-3	Y Y	Y	0	0	Good		41.18	13.31	67.04	27.87
EW-4	Y Y	Y	0	0	Good		37.13	15.50	69.37	21.63
EW-5	Y Y	Y	0	0	Good		36.25	24.30	84.99	11.95
EP-1	Y Y	Y	0	0	Good		31.67	10.90	101.22	20.77
EP-2	Y Y	Y	0	0	Good		29.74	9.20	99.00	20.54
EP-3	Y Y	Y	0	0	Good		27.91	6.94	89.21	20.97
EP-4	Y Y	Y	0	0	Good		32.59	8.96	91.11	23.63
EP-5	Y Y	Y	0	0	Good		34.61	9.76	79.85	24.85
EP-6	Y Y	Y	0	0	Good		40.14	14.93	83.51	25.21
EP-7	Y Y	Y	0	0	Good		48.49	20.70	70.20	27.79
EW-2A	Y Y	Y					22.27	38.75	66.00	-16.48

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP EP	Project No: 29600047	Date: 3/29/00
Weather/Temperature:		
EA Personnel: SC, BA	Equipment: Slope indicator	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
EP-8	Y Y	Y	0	0	Good		47.31	19.37	80.38	27.94
EP-9	Y Y	Y	0	0	Good		37.84	8.22	62.46	29.62
EP-10	Y Y	Y	0	0	Good		37.78	7.83	57.73	29.95
EP-11	Y Y	Y	0	0	Good		41.59	11.02	65.03	30.57
EP-12	Y Y	Y	0	0	Good		49.38	8.70	69.61	40.68
EP-13	Y Y	Y	0	0	Good		38.96	6.39	70.93	32.57
EP-14	Y Y	Y	0	0	Good		43.46	10.99	80.05	32.47
EP-15	Y Y	Y	0	0	Good		45.37	13.30	82.68	32.07
GP-1	Y		0	0	*		31.10	3.21	—	27.89 ①
GP-2	Y		0	0			23.92	3.05	—	20.87 ②
GP-3	Y		0	0	*		27.33	2.80	—	24.28 ①
GP-4	Y		0	0	*		18.39	2.63	—	15.76
GP-5	Y		0	0	*		23.38	8.91	—	14.47

NOTE: All measurements in feet mean sea level (MSL).

GP-6 Y * 15.22 10.46 — 4.76

Streamgauges (0-5 Ft) will be installed within the stream and surveyed prior to the September 2000 monitoring event

① Strong odor
② Sheen on water

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Appendix B.2

Field Record of Well Gauging, Purging, and Sampling Forms

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW1054
WELL CONDITION: good

PROJECT NUMBER: 29600.47 7516
WELL LOCK STATUS: Good
WEATHER: partly Cloudy, sun out

GAUGE DATE: 4/20/00
SOUNDING METHOD: water level meter
STICK UP/DOWN (ft): 3.17

GAUGE TIME: 1420
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4/20/00
PURGE METHOD: Low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1449
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 46.87
B. DEPTH TO WATER (ft): 2.75
C. LIQUID DEPTH (ft) (A-B): 44.12
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 26.7
F. THREE WELL VOLUMES (L) (E*3): 80.1

Parameter	Beginning	1	2	3	4	5	6
Time (min)	1450	1455	1500	1505	1510	1515	1517
Depth to Water (ft)	5.87	6.72	6.70	5.38	4.09	3.23	3.02
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.2	1.2	2.2	3.2	4.2	5.2	5.6
pH	6.15	6.22	6.17	5.96	5.80	5.78	5.75
Temperature (°C)	8.70	8.70	8.50	8.50	8.50	8.50	8.50
Conductivity (μmhos/cm)	53	53	53	53	51	51	51
Dissolved Oxygen (mg/L)	8.89	8.56	8.82	9.25	9.27	9.36	9.40
Turbidity (NTU)	10	10	10	10	9	9	8
Eh (mv)	230	221	218	228	238	241	243

TOTAL QUANTITY OF WATER REMOVED (L): 8.2

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1525 / 1530
SAMPLING DATE: 4/20/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP- MW105A
SAMPLE PARAMETERS: VOCs MS/MSD

COMMENTS AND OBSERVATIONS: ph OK

BN-16-EP-DS105AS 1425
DS105AM 1430
DS105AD 1435

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME:	EP	PROJECT NUMBER:	2960047
WELL I.D.:	MW205	WELL LOCK STATUS:	locked
WELL CONDITION:	good	WEATHER:	Sunny, 55
GAUGE DATE:	4-20	GAUGE TIME:	1405
SOUNDING METHOD:	Slope indicator	MEASUREMENT REF:	TOC
STICK UP/DOWN (ft):	1.94	WELL DIAMETER (in.):	2
PURGE DATE:	4-20	PURGE TIME:	1425
PURGE METHOD:	Low Flow	FIELD PERSONNEL:	SC, BA
AMBIENT AIR VOCs (ppm)	Start: 0 End: 0	WELL MOUTH VOCs (ppm):	Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft):	78.77	D. WELL VOLUME/FT (L):	0.605
B. DEPTH TO WATER (ft):	23.77	E. WELL VOLUME (L) (C*D):	33.2
C. LIQUID DEPTH (ft) (A-B):	55.00	F. THREE WELL VOLUMES (L) (E*3):	99.6

Parameter	Beginning	1	2	3	4	5
Time (min)	1430	1435	1440	1445	1450	1455
Depth to Water (ft)	24.28	24.30	24.34	24.37	24.40	24.42
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	0.1
Volume Purged (L)	0.5	1	1.5	2	2.5	3
pH						5.39
Temperature (°C)	X	See	Note			10.06
Conductivity (μmhos/cm)						170
Dissolved Oxygen (mg/L)						3.43
Turbidity (NTU)						146
Eh (mv)						107

TOTAL QUANTITY OF WATER REMOVED (L): 6.5

SAMPLERS:	SC, BA	SAMPLING TIME (START/END):	1525 / 1530
SAMPLING DATE:	4-20-00	DECONTAMINATION FLUIDS USED:	none
SAMPLE TYPE:	Grab	SAMPLE PRESERVATIVES:	HCL
SAMPLE BOTTLE IDs:	~~MW~~ BN-16-EP-MW205		
SAMPLE PARAMETERS:	VOC		

COMMENTS AND OBSERVATIONS: ph check OK X Did not collect

S BN-16-EP DS-2055 1410 water readings for

M 205M 1415 1st 20 minutes, Water very dark

D 205D 1420 Containerized Fluids

redevelop

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EP	Project No.: 2960047	Date: 4-20-00
Well ID: 205	Field Personnel: SC, BA	

Parameter	6	7	8	9	10	11
Time (min.)	1500	1505	1510	1515	1520	
Depth to Water (ft)	24.44	24.45	24.45	24.46	24.47	
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	
Volume Purged (L)	3.5	4	4.5	5	5.5	
pH	6.21	6.35	6.53	6.65	6.70	
Temperature (°C)	10.06	10.16	10.26	10.26	10.25	
Conductivity (μmhos/cm)	163	160	164	165	167	
Dissolved Oxygen (mg/L)	3.35	3.29	3.22	3.19	3.15	
Turbidity (NTU)	125	114	104	104	105	
Eh (mv)	105	104	103	102	101	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NAS Brunswick EP
PROJECT NUMBER: 29600.47
WELL I.D.: MW207A
WELL LOCK STATUS: unlocked
WELL CONDITION: Good
WEATHER: Cloudy ±45

GAUGE DATE: 4/20/00
GAUGE TIME: 0919
SOUNDING METHOD: Slope Indicator
MEASUREMENT REF: Artesian - Above Casing
STICK UP/DOWN (ft): 2.50
WELL DIAMETER (in.): 2"

PURGE DATE: 4/20/00
PURGE TIME: 0920
PURGE METHOD: Low Flow
FIELD PERSONNEL: RB/SW
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 73.22
B. DEPTH TO WATER (ft): Above PVC Casing
C. LIQUID DEPTH (ft) (A-B): 73.22
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 44.3
F. THREE WELL VOLUMES (L) (E*3): 132.9

Parameter	Beginning	1	2	3	4 *	5
Time (min)	0925	0930	0935	0940	0945	0950
Depth to Water (ft)	Above Casing	Above Casing	Above Casing	Above Casing	Above Casing	Above Casing
Purge Rate (L/min)	1.3	1.3	1.3	1.3	1.3	1.3
Volume Purged (L)	6.5	13.0	19.5	26.0	32.5	39.0
pH	7.87	7.00	6.91	6.80	6.70	6.65
Temperature (°C)	8.55	8.41	8.43	8.49	8.54	8.55
Conductivity (μmhos/cm)	341	221	215	213	211	209
Dissolved Oxygen (mg/L)	3.42	1.74	1.73	1.54	1.68	1.69
Turbidity (NTU)	205	70	65	55	34	27
Eh (mv)	114	90	87	80	79	76

TOTAL QUANTITY OF WATER REMOVED (L): 71.5

SAMPLERS: RB/SW
SAMPLING TIME (START/END): 1020-1025
SAMPLING DATE: 4/20/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: BN-16-EP-MW207A and BN-16-EP-MWXD2
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: * Dump Flow cell
Containerize water & dispose of at treatment plant

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NAS Brunswick	Project No.: 29600.47	Date: 4/20/00
Well ID: MW207A	Field Personnel: CJ/SW	

*

Parameter	6	7	8	9	10	11
Time (min.)	0955	1000	1005	1010	1015	
Depth to Water (ft)	above Casing	Above Casing	Above Casing	Above Casing	above Casing	
Purge Rate (L/min)	1.3	1.3	1.3	1.3	1.3	
Volume Purged (L)	45.5	52.0	58.5	65.0	71.5	
pH	6.64	6.63	6.61	6.59	6.57	
Temperature (°C)	8.58	8.61	8.60	8.62	8.63	
Conductivity (μmhos/cm)	208	208	206	206	205	
Dissolved Oxygen (mg/L)	1.71	1.73	1.74	1.72	1.76	
Turbidity (NTU)	20	14	9	9	8	
Eh (mv)	67	64	63	62	59	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NAS Brunswick EP
WELL I.D.: MW-224
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: Locked
WEATHER: P. Sunny

GAUGE DATE: 4-20/00
SOUNDING METHOD: Slope Indicator
STICK UP/DOWN (ft): 2.55

GAUGE TIME: 1346
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/20/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø

PURGE TIME: 1347
FIELD PERSONNEL: KS/SW
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 46.75
B. DEPTH TO WATER (ft): 27.41
C. LIQUID DEPTH (ft) (A-B): 19.34

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 11.7
F. THREE WELL VOLUMES (L) (E*3): 35.1

Parameter	Beginning	1	2	3	4	5
Time (min)	1352	1357	1402	1407	1412	1417
Depth to Water (ft)	27.41	27.32	27.34	27.36	27.38	27.32
Purge Rate (L/min)	.2	.2	.2	.2	.2	.2
Volume Purged (L)	1.0	2.0	3.0	4.0	5.0	6.0
pH	4.77	5.18	4.09	4.53	4.66	4.87
Temperature (°C)	~~19.03~~ 10.55	9.77	10.22	10.90	11.01	11.25
Conductivity (μmhos/cm)	91	8.6	86	83	83	86
Dissolved Oxygen (mg/L) *	*14.55	*14.72	*15.12	*14.67	*14.42	*14.01
Turbidity (NTU)	~~447~~ 5	4	3	3	4	5
Eh (mv)	114	140	137	150	158	161

TOTAL QUANTITY OF WATER REMOVED (L): _____

SAMPLERS: KS/SW
SAMPLING TIME (START/END): 1420-1426
SAMPLING DATE: 4/20/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: BN-16-EP-mw224 + BN-16-EP-mwx104
SAMPLE PARAMETERS: VOC
ph check ok

COMMENTS AND OBSERVATIONS: * Suspicious DO - Check probe - air bubble under membrane
DS-16-EP-DS-224S 1115
DS-16-EP-DS-224M 1120
DS-16-EP-DS-224D 1125

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: MW-225A
WELL CONDITION: good

PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: Sunny, 50°, windy

GAUGE DATE: 4-18-00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.81

GAUGE TIME: 1420
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4-18-00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1422
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 76.03
B. DEPTH TO WATER (ft): 19.68
C. LIQUID DEPTH (ft) (A-B): 56.35
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 34.1
F. THREE WELL VOLUMES (L) (E*3): 102.3

Parameter	Beginning	1	2	3	4	5
Time (min)	1425	1430	1435	1440	1445	~~1450~~ 1448
Depth to Water (ft)	19.73	19.73	19.74	19.74	19.75	19.75
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	0.1
Volume Purged (L)	0.3	0.8	1.3	1.8	2.3	2.6
pH	5.78	5.89	6.05	6.10	6.11	6.12
Temperature (°C)	9.06	8.52	9.50	9.75	9.85	9.90
Conductivity (μmhos/cm)	106	116	117	118	119	119
Dissolved Oxygen (mg/L)	9.55	10.77	9.61	9.56	9.77	9.85
Turbidity (NTU)	51	65	36	14	9	8
Eh (mv)	87	97	99	103	107	108

TOTAL QUANTITY OF WATER REMOVED (L): 3.6

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1455/1458
SAMPLING DATE: 4-18-00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW225A
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: ph check OK. empties cup @ 1426

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EP	Project No.: 2960047 Date: 4/18/00
Well ID: MW-225A	Field Personnel: SC, BA

Parameter	6	7	8	9	10	11
Time (min.)	1452					
Depth to Water (ft)	19.75					
Purge Rate (L/min)	0.1					
Volume Purged (L)	3					
pH	6.12					
Temperature (°C)	9.89					
Conductivity (μmhos/cm)	119					
Dissolved Oxygen (mg/L)	9.89					
Turbidity (NTU)	7					
Eh (mv)	109					

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME:	Brunswick NAS EP	PROJECT NUMBER:	29600.47
WELL I.D.:	MW-229A	WELL LOCK STATUS:	good
WELL CONDITION:	good	WEATHER:	partly cloudy 50°F
GAUGE DATE:	4/20/00	GAUGE TIME:	~~1315~~ ~~1345~~ SW 1445
SOUNDING METHOD:	slope level indicator	MEASUREMENT REF:	TOC
STICK UP/DOWN (ft):	2.55	WELL DIAMETER (in.):	2"
PURGE DATE:	4/20/00	PURGE TIME:	1545
PURGE METHOD:	low flow	FIELD PERSONNEL:	SW/KS
AMBIENT AIR VOCs (ppm)	Start: 0 End: 0	WELL MOUTH VOCs (ppm):	Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft):	32.70	D. WELL VOLUME/FT (L):	0.605
B. DEPTH TO WATER (ft):	13.98	E. WELL VOLUME (L) (C*D):	11.3
C. LIQUID DEPTH (ft) (A-B):	18.72	F. THREE WELL VOLUMES (L) (E*3):	33.9

Parameter	Beginning	1	2	3	4	5
Time (min)	1450 ~~1545~~ ~~1550~~	~~1555~~ 1455	1500	1505	1510	1515
Depth to Water (ft)	13.98	13.62	13.58	13.58	13.62	13.63
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	–	1.0 ~~1.050~~	2.0	3.0	4.0	5.0
pH	4.13	5.79	6.14	6.39	6.51	6.55
Temperature (°C)	8.68	8.93	8.79	9.02	9.09	9.17
Conductivity (μmhos/cm)	103	103	104	106	104	104
Dissolved Oxygen (mg/L) *	10.06	10.85	11.02	10.92	11.18	11.28
Turbidity (NTU)	173	115	64	47	17	13
Eh (mv)	159	144	131	125	128	130

TOTAL QUANTITY OF WATER REMOVED (L): 7.2

SAMPLERS:	SW/KS	SAMPLING TIME (START/END):	1530/1535
SAMPLING DATE:	4/20/00	DECONTAMINATION FLUIDS USED:	–
SAMPLE TYPE:	VOC	SAMPLE PRESERVATIVES:	HCl
SAMPLE BOTTLE IDs:	BN-16-EP-MW229A		
SAMPLE PARAMETERS:	VOC		

COMMENTS AND OBSERVATIONS: ph check OK

S ~~DS~~ - BN-16-EP-DS229AS 1345 DSXD1S

M BN-16-EP-DS229M 1350 DSXD1M

D DS229D 1355 DSXD1D

[illegible] air bubble inside membrane

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Brunswick NAS EP	Project No.: 29600.47	Date: 4/20/00
Well ID: MW-229A	Field Personnel: SW/KS	

Parameter	6	7	8	9	10	11
Time (min.)	1520	1523	1526			
Depth to Water (ft)	13.63	13.64	13.64			
Purge Rate (L/min)	0.2	0.2	0.2			
Volume Purged (L)	6.0	6.6	7.2			
pH	6.60	6.63	6.63			
Temperature (°C)	9.22	9.21	9.23			
Conductivity (μmhos/cm)	103	103	103			
Dissolved Oxygen (mg/L)	11.26	11.36	11.36			
Turbidity (NTU)	9	8	7			
Eh (mv)	129	128	127			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: MW-230A
WELL CONDITION: good

PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: Sunny, 45

GAUGE DATE: 4/18/00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.21

GAUGE TIME: 1005
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4/18/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1008
FIELD PERSONNEL: SC BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 82.08
B. DEPTH TO WATER (ft): 15.51
C. LIQUID DEPTH (ft) (A-B): 66.57

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 40.3
F. THREE WELL VOLUMES (L) (E*3): 120.9

Parameter	Beginning	1	2	3	4	5
Time (min)	1013	1018	1023	1028	1033	1038
Depth to Water (ft)	15.68	15.68	15.68	15.68	15.68	15.68
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	1.5	3	4.5	6	7.5	9
pH	7.12	7.21	7.33	7.39	7.45	7.46
Temperature (°C)	7.73	7.80	8.50	9.01	9.13	9.21
Conductivity (μmhos/cm)	96	113	110	107	109	105
Dissolved Oxygen (mg/L)	3.54	0.95	0.52	0.35	0.28	0.29
Turbidity (NTU)	71	96	77	56	43	35
Eh (mv)	74	-39	-81	-108	-115	-121

TOTAL QUANTITY OF WATER REMOVED (L): 20

SAMPLERS: SC BA
SAMPLING TIME (START/END): 1110 / 1113
SAMPLING DATE: 4/18/00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW230A
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: pH checks ✓

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EP	Project No.: 2960047	Date: 4-18-00
Well ID: MW2 30A	Field Personnel: SCB/A	

Parameter	6	7	8	9	10	11
Time (min.)	1043	1048	1053	1058	~~102~~ 1103	1108
Depth to Water (ft)	15.68	15.68	15.68	15.68	15.68	15.68
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	10.5	12	13.5	15	16.5	18
pH	7.47	7.48	7.48	7.48	7.48	7.48
Temperature (°C)	9.30	9.36	9.43	9.47	9.54	9.57
Conductivity (μmhos/cm)	105	105	106	106	105	106
Dissolved Oxygen (mg/L)	0.28	0.22	0.22	0.21	0.20	0.19
Turbidity (NTU)	27	24	19	18	17	18
Eh (mv)	-126	-132	-134	-138	-139	-140

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW 231A
WELL CONDITION: good

PROJECT NUMBER: 2960C47 7516
WELL LOCK STATUS: good
WEATHER: high clouds, warm

GAUGE DATE: 4/18/00
SOUNDING METHOD: water level indicator
STICK UP/DOWN (ft): 2.65

GAUGE TIME: 0901
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4/18/00
PURGE METHOD: Low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 0903
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 62.42
B. DEPTH TO WATER (ft): 21.01
C. LIQUID DEPTH (ft) (A-B): 41.41

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 25.1
F. THREE WELL VOLUMES (L) (E*3): 75.3

Parameter	Beginning	1	2	3	4	5
Time (min)	0904	0909	0914	0919	0924	0929
Depth to Water (ft)	21.16	21.30	21.15	21.16	21.16	21.17
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.2	1.2	2.2	3.2	4.2	5.2
pH	5.95	5.71	5.64	5.48	5.49	5.41
Temperature (°C)	8.10	7.90	8.70	9.40	9.80	10.10
Conductivity (μmhos/cm)	78	76	67	67	65	65
Dissolved Oxygen (mg/L)	8.87	8.40	8.27	8.25	8.29	8.35
Turbidity (NTU)	55	97*	120	110 *	140	140
Eh (mv)	262	273	249	252	248	253

TOTAL QUANTITY OF WATER REMOVED (L): 9.8

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 0950\952
SAMPLING DATE: 4/18/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW231A
SAMPLE PARAMETERS: VOCs

COMMENTS AND OBSERVATIONS: well has very fine sediment - needs re development
* empty flowcell several times • pH check ✓

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EP	Project No.: 24600.47	Date: 4/18/00
Well ID: MW231A	Field Personnel: BA	

Parameter	6	7	8	9	10	11
Time (min.)	0934	0939	0944	0947		
Depth to Water (ft)	21.17	21.17	21.17	21.17		
Purge Rate (L/min)	0.2	0.2	0.2	0.2		
Volume Purged (L)	6.2	7.2	8.2	8.8		
pH	5.41	5.42	5.44	5.45		
Temperature (°C)	10.00	10.30	10.30	10.30		
Conductivity (μmhos/cm)	66	64	65	65		
Dissolved Oxygen (mg/L)	8.35	8.45	8.50	8.52		
Turbidity (NTU)	140 *	110	110	110		
Eh (mv)	254	250	249	249		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS *empty flow cell to try to clean up sediment only partially successful.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: MW-231B
WELL CONDITION: good
PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: Sunny, 45

GAUGE DATE: 4/18/00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 3.00
GAUGE TIME: 900
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4/18/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0
PURGE TIME: 903
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 57.86
B. DEPTH TO WATER (ft): 25.60
C. LIQUID DEPTH (ft) (A-B): 32.26
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 19.5
F. THREE WELL VOLUMES (L) (E*3): 58.5

Parameter	Beginning	1	2	3	4	5
Time (min)	908	913	918	923	928	933
Depth to Water (ft)	26.02	26.02	26.02	26.02	26.00	25.97
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	1	2	3	4	5	6
pH	4.70	5.53	5.97	6.16	6.21	6.28
Temperature (°C)	8.43	8.64	10.21	11.83	12.71	13.10
Conductivity (μmhos/cm)	27	68	73	62	61	71
Dissolved Oxygen (mg/L)	12.57	12.61	12.51	12.39	12.25	12.08
Turbidity (NTU)	24	24	107	89	58	46
Eh (mv)	196	184	174	162	157	157

TOTAL QUANTITY OF WATER REMOVED (L): 10

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 950/953
SAMPLING DATE: 4/18/00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW231B
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: pH check ✓

redevelop

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EP	Project No.: 2960047	Date: 4-18-00
Well ID: MW-23 1B	Field Personnel: SC, BA	

Parameter	6	7	8	9	10	11
Time (min.)	938	943	948			
Depth to Water (ft)	25.93	25.89	25.84			
Purge Rate (L/min)	0.2	0.2	0.2			
Volume Purged (L)	7	8	9			
pH	6.19	6.29	6.30			
Temperature (°C)	13.10	13.00	12.96			
Conductivity (μmhos/cm)	84	81	80			
Dissolved Oxygen (mg/L)	12.02	11.95	12.01			
Turbidity (NTU)	45	46	45			
Eh (mv)	155	148	151			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: MW-303
WELL CONDITION: good
PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: Sunny, 50

GAUGE DATE: 4-18-00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft):
GAUGE TIME: 1514
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4-18-00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0
PURGE TIME: 1515
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 71.62
B. DEPTH TO WATER (ft): 11.81
C. LIQUID DEPTH (ft) (A-B): 59.8
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 36.2
F. THREE WELL VOLUMES (L) (E*3): 108.6

Parameter	Beginning	1	2	3	4	5
Time (min)	1520	1525	1530	1535	1540	
Depth to Water (ft)	11.85	11.86	11.87	11.87	11.88	
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	
Volume Purged (L)	0.5	1	1.5	2	2.5	
pH	7.46	7.71	7.82	7.79	7.80	
Temperature (°C)	7.34	7.95	8.58	8.63	8.70	
Conductivity (μmhos/cm)	212	222	217	213	216	
Dissolved Oxygen (mg/L)	2.76	0.68	0.30	0.30	0.24	
Turbidity (NTU)	13	6	2	1	1	
Eh (mv)	-14	-110	-160	-163	-166	

TOTAL QUANTITY OF WATER REMOVED (L): 3.3

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1545 / 1548
SAMPLING DATE: 4-18-00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW303
SAMPLE PARAMETERS: phcheck + OK
COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-305
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7516
WELL LOCK STATUS: good
WEATHER: rain, overcast, 50°

GAUGE DATE: 4/19/00
SOUNDING METHOD: water level meter
STICK UP/DOWN (ft): 2.70

GAUGE TIME: 0913
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4/19/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 0915
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 54.12
B. DEPTH TO WATER (ft): 16.71
C. LIQUID DEPTH (ft) (A-B): 37.41

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 22.6
F. THREE WELL VOLUMES (L) (E*3): 67.8

Parameter	Beginning	1	2	3	4	5
Time (min)	0917	0922	0927	0932	0937	0942
Depth to Water (ft)	16.74	17.28	17.07	17.50	17.36	17.18
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.4	1.4	2.4	3.4	4.4	5.4
pH	7.52	8.16	8.25	8.27	8.23	8.25
Temperature (°C)	7.30	8.60	8.60	8.60	9.10	9.00
Conductivity (μmhos/cm)	242	209	208	208	205	205
Dissolved Oxygen (mg/L)	* ~~5~~ 2.25	2.65	2.24	0.93	0.95	0.93
Turbidity (NTU)	650	84*	75*	60*	47	41
Eh (mv)	107	-11	-51	-71	-58	-83

TOTAL QUANTITY OF WATER REMOVED (L): 14.5

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1030
SAMPLING DATE: 4/19/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: GRAB
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW305
SAMPLE PARAMETERS: VOCs
COMMENTS AND OBSERVATIONS: * empty cup (flowcell) pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume		Project No.: 29600.47 7516	Date: 4/19/00
Well ID: MW-305		Field Personnel: SC, BA	

Parameter	6	7	8	9	10	11
Time (min.)	0947	0952	0957*	1002	1007	1012
Depth to Water (ft)	17.15	17.15	17.13	17.25	17.15	17.13
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	6.4	7.4	8.4	9.4	10.4	11.4
pH	8.22	8.23	8.23	8.24	8.22	8.22
Temperature (°C)	9.00	9.00	9.10	9.20	9.20	9.20
Conductivity (μmhos/cm)	205	~~0~~205	204	204	204	204
Dissolved Oxygen (mg/L)	0.56	0.50	0.45	0.42	0.41	0.52
Turbidity (NTU)	30	25	20	15	14	12
Eh (mv)	-95	-106	-118	-109	-112	-116

Parameter	12	13	14	15	16	17
Time (min)	~~0~~1015	1018	1021			
Depth to Water (ft)	17.13	17.13	17.12			
Purge Rate (L/min)	0.2	0.1	0.1			
Volume Purged (L)	13	13.3	13.6			
pH	8.23	8.23	8.24			
Temperature (°C)	9.20	9.20	9.20			
Conductivity (μmhos/cm)	203	204	204			
Dissolved Oxygen (mg/L)	0.48	0.44	0.45			
Turbidity (NTU)	9	9	9			
Eh (mv)	-117	-119	-120			

COMMENTS AND OBSERVATIONS * empty flowcell after reading.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: MW-306
WELL CONDITION: good

PROJECT NUMBER: 2960097
WELL LOCK STATUS: locked
WEATHER: overcast rainy

GAUGE DATE: 4-19-00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.35

GAUGE TIME: 1415
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4-19-00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1420
FIELD PERSONNEL: SCBA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 56.98
B. DEPTH TO WATER (ft): 18.53
C. LIQUID DEPTH (ft) (A-B): 38.45

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 23.3
F. THREE WELL VOLUMES (L) (E*3): 69.9

Parameter	Beginning	1	2	3	4	5
Time (min)	1430	1435	1440	1445	1450	1455
Depth to Water (ft)	18.78	18.79	18.81	18.75	18.77	18.78
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	0.1
Volume Purged (L)	~~0.5~~ 1	1.5	2.0	2.5	3	3.5
pH	4.83	5.57	5.82	5.95	6.00	6.04
Temperature (°C)	9.43	9.62	9.71	9.92	10.00	9.87
Conductivity (μmhos/cm)	89	90	88	82	91	92
Dissolved Oxygen (mg/L)	8.59	8.52	8.55	8.60	8.63	8.53
Turbidity (NTU)	265	*208	*156	*120	165	126
Eh (mv)	168	168	170	171	168	169

TOTAL QUANTITY OF WATER REMOVED (L): 6

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1518 / 1520
SAMPLING DATE: 4-19-00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW306
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: ~~[Redeveloped well]~~ problem w/ Sonde, YSI not responding. 1st reading taken after minutes
phcheck OKX
S - BN-16-EP-053065 1400
M - 053060M 1410
D - 053060D 1415
* emptied cup following reading

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EP	Project No.: 2960047	Date: 4-19-00
Well ID: MW-306	Field Personnel: SC, BA	

Parameter	6	7	8	9	10	11
Time (min.)	1500	1505	1510	1515		
Depth to Water (ft)	18.79	18.79	18.79	18.79		
Purge Rate (L/min)	0.1	0.1	0.1	0.1		
Volume Purged (L)	4	4.5	5	5.5		
pH	6.06	5.59	5.93	5.96		
Temperature (°C)	9.85	9.87	9.98	10.07		
Conductivity (μmhos/cm)	83	84	82	83		
Dissolved Oxygen (mg/L)	8.56	8.58	8.59	8.68		
Turbidity (NTU)	111	83	80	81		
Eh (mv)	169	171	171	169		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME:	NAS Brunswick ERP	PROJECT NUMBER:	29600.47
WELL I.D.:	MW-308	WELL LOCK STATUS:	good
WELL CONDITION:	good	WEATHER:	45°F ± 5 Rain
GAUGE DATE:	4/19/00	GAUGE TIME:	1045
SOUNDING METHOD:	slope indicator	MEASUREMENT REF:	TOC
STICK UP/DOWN (ft):	2.44	WELL DIAMETER (in.):	2"
PURGE DATE:	4/19/00	PURGE TIME:	1050
PURGE METHOD:	low flow	FIELD PERSONNEL:	KS/SW
AMBIENT AIR VOCs (ppm)	Start: Ø End: Ø	WELL MOUTH VOCs (ppm):	Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft):	72.85 ~~5.20 ft~~	D. WELL VOLUME/FT (L):	0.605
B. DEPTH TO WATER (ft):	5.20 ft	E. WELL VOLUME (L) (C*D):	40.9
C. LIQUID DEPTH (ft) (A-B):	67.65	F. THREE WELL VOLUMES (L) (E*3):	122.7

Parameter	Beginning	1	2	3	4	5
Time (min)	1050	1055	1100	1105	1110	1115
Depth to Water (ft)	5.20 ft	5.25 ft	5.27	5.27	5.28	5.31
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	—	1.0	2.0	3.0	4.0	5.0
pH	6.14	7.82	8.13	8.26	8.32	8.40
Temperature (°C)	7.76	8.23	8.40	8.50	8.56	8.65
Conductivity (μmhos/cm)	864	873	877	874	873	875
Dissolved Oxygen (mg/L)	0.07	0.11	0.11	0.11	0.10	0.10
Turbidity (NTU)	5.7	1	1	0	0	0
Eh (mv)	11.0	-26	-42	-55	-61	-80

TOTAL QUANTITY OF WATER REMOVED (L): 9.0

SAMPLERS:	SW/KS	SAMPLING TIME (START/END) :	1140/1145
SAMPLING DATE:	4/19/00	DECONTAMINATION FLUIDS USED:	—
SAMPLE TYPE:	VOC	SAMPLE PRESERVATIVES:	HCl
SAMPLE BOTTLE IDs:	BN-16-ER-MW308		
SAMPLE PARAMETERS:	VOC		

COMMENTS AND OBSERVATIONS: ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NAS Brunswick ERP	Project No.: 29600.47	Date: 4/19/00
Well ID: MW-308	Field Personnel: SW/KS	

Parameter	6	7	8	9	10	11
Time (min.)	1120	1125	1130	1135		
Depth to Water (ft)	5.32	5.33	5.34	5.34		
Purge Rate (L/min)	0.2	0.2	0.2	0.2		
Volume Purged (L)	6.0	~~8~~ 7.0	8.0	9.0		
pH	8.41	8.43	8.43	8.45		
Temperature (°C)	8.68	8.72	8.75	8.79		
Conductivity (μmhos/cm)	871	876	874	873		
Dissolved Oxygen (mg/L)	0.09	0.09	0.09	0.09		
Turbidity (NTU)	0	0	0	0		
Eh (mv)	-85	-94	-97	-101		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NAS Brunswick
WELL I.D.: MW309B
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: Locked
WEATHER: Rain ± 45

GAUGE DATE: 4/19/00
SOUNDING METHOD: Slope Indicator
STICK UP/DOWN (ft): 2.42

GAUGE TIME: 0917
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/19/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø

PURGE TIME: 0920
FIELD PERSONNEL: KB/SW
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 59.43
B. DEPTH TO WATER (ft): TOC
C. LIQUID DEPTH (ft) (A-B): 59.43

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 36
F. THREE WELL VOLUMES (L) (E*3): 108

Parameter	Beginning	1	2	3	4	5
Time (min)	0925	0930	0935	0940	0945	0950
Depth to Water (ft)	TOC	3.62	4.97	7.00	10.93	16.02
Purge Rate (L/min)	.6	.6	.6	.6	.5	.5
Volume Purged (L)	3.0	6.0	9.0	12.0	14.5	17.0
pH	6.73	7.57	7.75	7.98	8.07	8.15
Temperature (°C)	7.70	7.48	7.73	8.20	8.65	9.04
Conductivity (μmhos/cm)	291	292	292	288	290	292
Dissolved Oxygen (mg/L)	2.14	0.40	0.29	0.22	0.17	0.15
Turbidity (NTU)	32	63	37	27	25	19
Eh (mv)	142	139	134	134	134	128

TOTAL QUANTITY OF WATER REMOVED (L): 29.5

SAMPLERS: KB/SW
SAMPLING TIME (START/END): 1020-1024
SAMPLING DATE: 4/19/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: BN-16-EP-MW309B
ph check OK
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NAS Brunswick	Project No.: 29600.47	Date: 4/19/00
Well ID: MW309B	Field Personnel: KS/SW	

Parameter	6	7	8	9	10	11
Time (min.)	0955	1000	1005	1010	1015	
Depth to Water (ft)	19.20	28.28	33.80	35.00	36.14	
Purge Rate (L/min)	.5	.5	.5	.5	.5	
Volume Purged (L)	19.5	22.0	24.5	27.0	29.5	
pH	7.01	7.68	7.81	7.94	7.99	
Temperature (°C)	9.52	10.17	9.95	10.19	10.80	
Conductivity (μmhos/cm)	276	278	289	292	291	
Dissolved Oxygen (mg/L)	0.21	0.17	0.17	0.20	0.20	
Turbidity (NTU)	24	27	27	26	27	
Eh (mv)	156	138	140	133	131	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: MW-311
WELL CONDITION: good

PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: sunny, 50

GAUGE DATE: 4-20-00
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.36

GAUGE TIME: 930
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4-20-00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1002
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 55.78
B. DEPTH TO WATER (ft): ~~18.28~~ 16.28
C. LIQUID DEPTH (ft) (A-B): 39.5
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 23.9
F. THREE WELL VOLUMES (L) (E*3): 72

Parameter	Beginning	1	2	3	4	5
Time (min)	1007	1012	1017	1022	1027	1032
Depth to Water (ft)	18.89	18.94	19.01	18.96	18.97	18.99
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	0.1
Volume Purged (L)	0.5	1	1.5	2	2.5	3
pH	6.87	7.12	7.13	7.11	7.05	7.06
Temperature (°C)	8.97	10.36	10.95	11.04	11.24	11.37
Conductivity (μmhos/cm)	132	130	128	133	134	135
Dissolved Oxygen (mg/L)	2.56	1.29	2.48	2.74	3.71	3.80
Turbidity (NTU)	125	*156	210	336	245	167
Eh (mv)	93	30	-1	-2	1	0

TOTAL QUANTITY OF WATER REMOVED (L): 16

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1100 / 1102
SAMPLING DATE: 4-20-00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW311 MWX01 Dup
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: phckeck OK ✓

Sh BN-16-EP-DS311S 925 containerized water + run through plant
Md DS311M 930 DSX02M
De DS311D 935 * emptied cp after reading taken

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EP		Project No.: 2960047	Date: 4-20-00
Well ID: MW311		Field Personnel: SC, BA	

Parameter	6	7	8	9	10	11
Time (min.)	1037	1042	1047	1052	1057	
Depth to Water (ft)	18.96	18.99	18.97	18.95	18.97	
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	
Volume Purged (L)	3.5	4	4.5	5	5.5	
pH	7.06	7.05	7.04	7.03	7.03	
Temperature (°C)	11.33	11.26	11.55	11.77	11.81	
Conductivity (μmhos/cm)	136	136	135	136	136	
Dissolved Oxygen (mg/L)	3.79	3.56	3.52	3.47	3.41	
Turbidity (NTU)	103	97	89	87	89	
Eh (mv)	-2	-4	-7	-13	-14	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NAS Bunker EP
WELL I.D.: MW 313
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: Locked
WEATHER: Sunny ± 45

GAUGE DATE: 4/18/00
SOUNDING METHOD: Slope Indicator
STICK UP/DOWN (ft): 3.35

GAUGE TIME: 1005
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/18/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø

PURGE TIME: 1010
FIELD PERSONNEL: CS/SW
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 37.14
B. DEPTH TO WATER (ft): 8.65
C. LIQUID DEPTH (ft) (A-B): 28.49
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 17.2
F. THREE WELL VOLUMES (L) (E*3): ~~16~~ 51.6

Parameter	Beginning	1	2 *	3	4 *	5
Time (min)	1015	1020	1025	1030	1035	1040
Depth to Water (ft)	8.66	8.99	9.85	10.16	10.12	10.14
Purge Rate (L/min)	.2	.3	.3	.3	.3	.3
Volume Purged (L)	1.0	2.5	4.0	5.5	7.0	8.5
pH	3.85	5.83	6.95	7.11	7.08	7.16
Temperature (°C)	7.55	8.47	9.37	9.59	9.63	9.65
Conductivity (μmhos/cm)	274	298	290	280	271	256
Dissolved Oxygen (mg/L)	1.78	0.94	0.34	0.36	0.53	0.40
Turbidity (NTU)	212	213	213	323	462	453
Eh (mv)	194	146	-28	-39	-58	-58

TOTAL QUANTITY OF WATER REMOVED (L): 26.5

SAMPLERS: CS/SW
SAMPLING TIME (START/END): 1150 - 1200
SAMPLING DATE: 4/18/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: BN-16-EP-MW313 called MS/MSD
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: * dump flow cell

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NAS Brunswick EP	Project No.: 21600.47	Date: 4/18/00
Well ID: MW313	Field Personnel: KJ/SW	

Parameter	6	7	8	9	10	11
Time (min.)	1045	1050	1055	1100	1105	1110
Depth to Water (ft)	10.14	10.18	10.20	10.22	10.24	10.26
Purge Rate (L/min)	.3	.3	.3	.3	.3	.3
Volume Purged (L)	10.0	11.5	13.0	14.5	16.0	17.5
pH	7.13	7.23	7.23	7.23	7.26	7.27
Temperature (°C)	9.87	10.16	10.21	10.29	10.33	10.37
Conductivity (μmhos/cm)	251	247	242	239	238	233
Dissolved Oxygen (mg/L)	0.28	0.24	0.23	0.22	0.23	0.21
Turbidity (NTU)	475	~~>2~~ 190	200	163	145	115
Eh (mv)	-62	-78	-79	-88	-93	-98

Parameter	12	13	14	15	16	17
Time (min)	1115	1120	1125	1130	1135	1140
Depth to Water (ft)	10.25	10.25	10.25	10.26	10.26	10.27
Purge Rate (L/min)	.3	.3	.3	.3	.3	.3
Volume Purged (L)	19.0	20.5	22.0	23.5	25.0	26.5
pH	7.28	7.29	7.29	7.30	7.31	7.31
Temperature (°C)	10.44	10.44	10.45	10.50	10.53	10.60
Conductivity (μmhos/cm)	232	225	229	230	223	230
Dissolved Oxygen (mg/L)	0.21	0.20	0.18	0.20	0.17	0.20
Turbidity (NTU)	114	109	98	94	92	90
Eh (mv)	-102	-104	-106	-109	-110	-113

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: MW-318
WELL CONDITION: good

PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: Sunny, 50

GAUGE DATE: 4-18-00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.57

GAUGE TIME: 1339
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4-18-00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1340
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 25.14
B. DEPTH TO WATER (ft): 5.32
C. LIQUID DEPTH (ft) (A-B): 19.82
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 12
F. THREE WELL VOLUMES (L) (E*3): 36

Parameter	Beginning	1	2	3	4	5
Time (min)	1343	1346	1349	1352	1355	1358
Depth to Water (ft)	5.64	5.77	5.77	5.77	5.77	5.77
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	0.1
Volume Purged (L)	0.3	0.6	0.9	1.2	1.5	1.8
pH	5.16	6.88	6.96	6.79	6.70	6.66
Temperature (°C)	8.66	8.72	10.01	10.59	10.83	10.92
Conductivity (μmhos/cm)	87	89	88	85	80	79
Dissolved Oxygen (mg/L)	2.56	0.55	1.08	2.52	3.78	4.23
Turbidity (NTU)	13	17	9	6	5	5
Eh (mv)	99	45	16	12	13	16

TOTAL QUANTITY OF WATER REMOVED (L): 3.2

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1410/1412
SAMPLING DATE: 4-18-00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16 EP-MW318
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: - check ph of sample ✓

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EP	Project No.: 2960047	Date: 4-18-00
Well ID: MW-318	Field Personnel: SC, BA	

Parameter	6	7	8	9	10	11
Time (min.)	1401	1404	1407			
Depth to Water (ft)	5.77	5.77	5.77			
Purge Rate (L/min)	0.1	0.1	0.1			
Volume Purged (L)	2.1	2.4	2.7			
pH	6.67	6.64	6.65			
Temperature (°C)	11.05	11.11	11.15			
Conductivity (μmhos/cm)	74	73	72			
Dissolved Oxygen (mg/L)	4.69	4.93	5.08			
Turbidity (NTU)	4	4	4			
Eh (mv)	14	16	17			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: MW-319
WELL CONDITION: good

PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: overcast, raining

GAUGE DATE: 4-19-00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.30

GAUGE TIME: 1320
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4-19-00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1325
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 72.44
B. DEPTH TO WATER (ft): 14.35
C. LIQUID DEPTH (ft) (A-B): 58.09

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 35
F. THREE WELL VOLUMES (L) (E*3): 105

Parameter	Beginning	1	2	3	4	5
Time (min)	1330	1335	1340	1345	1348	1351
Depth to Water (ft)	14.46	14.46	14.47	14.47	14.47	14.48
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	0.1
Volume Purged (L)	0.5	1	1.5	2	2.3	2.6
pH	6.37	5.94	5.90	5.89	5.89	5.88
Temperature (°C)	8.48	9.45	9.77	9.89	9.96	10.01
Conductivity (μmhos/cm)	181	416	445	454	458	460
Dissolved Oxygen (mg/L)	3.82	1.84	1.57	1.46	1.39	1.34
Turbidity (NTU)	24	16	9	7	6	5
Eh (mv)	165	173	167	174	173	174

TOTAL QUANTITY OF WATER REMOVED (L): 3

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1353
SAMPLING DATE: 4-19-00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW319
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS:

S - BN-16-EP-DS319S 1256 4-19-00 MS/MSD
M BN-16-EP-DS319M 1305
D BN-16-EP-DS319D 1310

phcheckit

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NAS Brunswick EP
PROJECT NUMBER: 29600.47
WELL I.D.: MW 330
WELL LOCK STATUS: Locked
WELL CONDITION: Good
WEATHER: Sprinkles ±45

GAUGE DATE: 4/19/00
GAUGE TIME: 1308
SOUNDING METHOD: Tape Indicator
MEASUREMENT REF: TOC
STICK UP/DOWN (ft): 2.7
WELL DIAMETER (in.): 2"

PURGE DATE: 4/19/00
PURGE TIME: 1310
PURGE METHOD: Low Flow
FIELD PERSONNEL:
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 36.6
B. DEPTH TO WATER (ft): 5.19
C. LIQUID DEPTH (ft) (A-B): 31.41
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 19
F. THREE WELL VOLUMES (L) (E*3): 57

Parameter	Beginning	1	2	3	4 *	5
Time (min)	1315	1320	1325	1330	1335	1340
Depth to Water (ft)	5.19	8.12	8.33	8.41	9.25	9.40
Purge Rate (L/min)	.2	.2	.2	.2	.2	.2
Volume Purged (L)	1.0	2.0	3.0	4.0	5.0	6.0
pH	4.14	6.51	6.82	7.06	6.82	7.13
Temperature (°C)	7.86	7.77	8.16	8.62	9.95	9.36
Conductivity (μmhos/cm)	87	96	97	96	102	109
Dissolved Oxygen (mg/L)	4.06	2.34	2.29	2.26	3.63	2.58
Turbidity (NTU)	386	314	350	393	288	196
Eh (mv)	50	43.5	52	41	52	54

TOTAL QUANTITY OF WATER REMOVED (L): 17.0

SAMPLERS: KS/SW
SAMPLING TIME (START/END): 1415-1418
SAMPLING DATE: 4/19/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: BN-16-EP-MW330
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: Replace pump on 4/19/00@1115 phcheckOK
*Dump flow cell -

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASBrunswick EP		Project No.: 29600.47	Date: 4/19/00
Well ID: MW330		Field Personnel: CS/SW	

Parameter	6	7	8	9	10	11
Time (min.)	1345	1350	1355	1400	1405	1410
Depth to Water (ft)	9.42	9.43	10.28	10.36	10.36	10.45
Purge Rate (L/min)	.2	.4	.4	.4	.4	.4
Volume Purged (L)	7.0	9.0	11.0	13.0	15.0	17.0
pH	6.98	7.21	7.23	7.27	7.14	7.11
Temperature (°C)	9.83	9.68	10.06	10.10	10.23	10.25
Conductivity (μmhos/cm)	102	101	100	97	103	103
Dissolved Oxygen (mg/L)	2.02	2.08	2.00	2.06	2.17	2.09
Turbidity (NTU)	196	168	178	176	168	180
Eh (mv)	53	50	53	49	52	53

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASBrunswick
WELL I.D.: MW-331
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: Locked
WEATHER: P. Cloudy ± 45

GAUGE DATE: 4-20-00
SOUNDING METHOD: Slope Indicator
STICK UP/DOWN (ft):

GAUGE TIME: 1032
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/20/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø

PURGE TIME:
FIELD PERSONNEL: KS/SW
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 33.4
B. DEPTH TO WATER (ft): 2.36
C. LIQUID DEPTH (ft) (A-B): 31.04

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 18.8
F. THREE WELL VOLUMES (L) (E*3): 56.4

Parameter	Beginning	1	2	3	4	5
Time (min)	1040	1045	1050	1055	1100	1105
Depth to Water (ft)	2.36	2.48	2.53	2.55	2.60	2.58
Purge Rate (L/min)	0.4	0.4	0.4	0.4	0.4	0.4
Volume Purged (L)	–	10	20	30	40	50
pH	7.01	6.52	6.06	5.94	5.83	5.80
Temperature (°C)	8.07	8.12	8.60	8.57	8.58	8.59
Conductivity (μmhos/cm)	986	1157	1252	1246	1244	1245
Dissolved Oxygen (mg/L)	2.11	1.06	0.91	0.88	0.72	0.60
Turbidity (NTU)	448	169	51	40	20	16
Eh (mv)	81	76	89	~~90~~ 94	105	106

TOTAL QUANTITY OF WATER REMOVED (L): 90

SAMPLERS: KS/SW
SAMPLING TIME (START/END): 1130
SAMPLING DATE: 4/20/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: BN-16-EP-MW331
SAMPLE PARAMETERS: VOC
ph check ✓

COMMENTS AND OBSERVATIONS:
Shallow - BN-16-EP-DS331S 903
Mid BN-16-EP-DS-331M 908
Deep BN-16-EP DS 331 D 913

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NAS Brunswick	Project No.: 29600.47	Date: 4/20/06
Well ID: MW-331	Field Personnel: SW/KS	

Parameter	6	7	8	9	10	11
Time (min.)	1110	1115				
Depth to Water (ft)	2.58	2.57				
Purge Rate (L/min)	0.4	0.4				
Volume Purged (L)	60	70				
pH	5.80	5.79				
Temperature (°C)	8.59	8.61				
Conductivity (μmhos/cm)	1240	1239				
Dissolved Oxygen (mg/L)	0.67	0.65				
Turbidity (NTU)	14	10				
Eh (mv)	110	112				

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-332
WELL CONDITION: good

PROJECT NUMBER: 29600.47 7516
WELL LOCK STATUS: Good
WEATHER: sun, clouds, warm 60°

GAUGE DATE: 4/20/00
SOUNDING METHOD: water level meter
STICK UP/DOWN (ft):

GAUGE TIME: 1000
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/20/00
PURGE METHOD: Low flow
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø

PURGE TIME: 1011
FIELD PERSONNEL: BA, SC
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 18.60
B. DEPTH TO WATER (ft): 9.51
C. LIQUID DEPTH (ft) (A-B): 9.09

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 5.5
F. THREE WELL VOLUMES (L) (E*3): 16.5

Parameter	Beginning	1	2	3	4	5	6
Time (min)	1015	1020	1025	1030	1033	1036	1039
Depth to Water (ft)	10.50	12.91	12.95	12.93	12.91	12.90	12.90
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.8	1.8	2.8	3.8	4.4	5.0	5.6
pH	~~4.08~~ 4.77	4.81	4.84	487	4.94	4.96	4.99
Temperature (°C)	6.50	6.50	6.60	6.90	6.80	6.80	6.80
Conductivity (μmhos/cm)	190	181	176	166	163	162	161
Dissolved Oxygen (mg/L)	8.48	8.55	8.38	8.24	8.12	8.11	8.14
Turbidity (NTU)	44	45	32	12	5	5	4
Eh (mv)	283	272	270	273	275	275	274

TOTAL QUANTITY OF WATER REMOVED (L): 7

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1042 / 1045
SAMPLING DATE: 4/20/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: GRAB
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW332
SAMPLE PARAMETERS: VOCs

COMMENTS AND OBSERVATIONS: pH check ok

Sn BN-16-EP-DS332S 940
Mid DS332M 945
De DS332D 950

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NAS Brunswick EP
WELL I.D.: MW-333
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: Locked
WEATHER: Sunny/Cool ±45

GAUGE DATE: 4/18/00
SOUNDING METHOD: Slope Indicator
STICK UP/DOWN (ft):

GAUGE TIME: 1308
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/18/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø

PURGE TIME: 1311
FIELD PERSONNEL: KS/SW
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 40.0
B. DEPTH TO WATER (ft): 11.25
C. LIQUID DEPTH (ft) (A-B): 28.75

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 17.4
F. THREE WELL VOLUMES (L) (E*3): 52

Parameter	Beginning	1	2	3	4	5
Time (min)	1311	1316	1321	1326	1331	1336
Depth to Water (ft)	11.25	11.76	11.94	12.65	12.73	12.81
Purge Rate (L/min)	.2	.2	.2	.2	.2	.2
Volume Purged (L)	—	1.0	2.0	3.0	4.0	5.0
pH	1.07	5.69	6.24	6.45	6.72	6.79
Temperature (°C)	7.39	8.22	8.50	8.65	8.77	8.83
Conductivity (μmhos/cm)	265	238	240	215	223	221
Dissolved Oxygen (mg/L)	2.73	0.84	0.71	0.65	0.61	0.68
Turbidity (NTU)	48	48	39	33	25	18
Eh (mv)	48	-72	-85	-91	-100	-103

TOTAL QUANTITY OF WATER REMOVED (L): 10.0

SAMPLERS: KS/SW
SAMPLING TIME (START/END): 1405-1410
SAMPLING DATE: 4/18/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: BN-16-EP-MW333
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NAS Brunswick EP		Project No.: 29600.47	Date: 4/18/00
Well ID: MW333		Field Personnel: KS/SW	

Parameter	6	7	8	9	10	11
Time (min.)	1341	1346	1351	1356	1401	
Depth to Water (ft)	12.66	12.73	12.69	12.67	12.69	
Purge Rate (L/min)	.2	.2	.2	.2	.2	
Volume Purged (L)	6.0	7.0	8.0	9.0	10.0	
pH	6.89	6.98	7.07	7.08	7.10	
Temperature (°C)	8.91	9.02	9.13	9.15	9.20	
Conductivity (μmhos/cm)	210	204	213	213	211	
Dissolved Oxygen (mg/L)	0.75	0.76	0.72	0.72	0.73	
Turbidity (NTU)	14	13	10	10	9	
Eh (mv)	-105	-108	-109	-110	-112	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NAS Brunswick EP
PROJECT NUMBER: 29600.47
WELL I.D.: MW-334
WELL LOCK STATUS: Locked
WELL CONDITION: Good
WEATHER: Sunny/Cool ~45°F

GAUGE DATE: 4/18/00
GAUGE TIME: 1410
SOUNDING METHOD: Slope Indicator
MEASUREMENT REF: TOC
STICK UP/DOWN (ft): 2.83
WELL DIAMETER (in.): 2"

PURGE DATE: 4/18/00
PURGE TIME: 1414
PURGE METHOD: Low flow
FIELD PERSONNEL: KJ/SW
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 47.80
B. DEPTH TO WATER (ft): 11.94
C. LIQUID DEPTH (ft) (A-B): 35.86
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 21.7
F. THREE WELL VOLUMES (L) (E*3): 65

Parameter	Beginning	1	2	3	4	5
Time (min)	1414	1419	1424	1429	1434	1439
Depth to Water (ft)	11.94	12.84	12.89	13.35	13.38	13.49
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0	~~0.2~~ 1.0	2.0	3.0	4.0	5.0
pH	6.00	6.84	7.12	7.25	7.33	7.50
Temperature (°C)	8.42	8.68	9.30	9.97	10.32	10.59
Conductivity (μmhos/cm)	207	201	189	176	169	166
Dissolved Oxygen (mg/L)	2.96	2.71	2.51	2.23	2.03	1.84
Turbidity (NTU)	368	443	331	162	79	58
Eh (mv)	-32	-51.	-54	-62	-75	-88

TOTAL QUANTITY OF WATER REMOVED (L): 12.0

SAMPLERS: KS/SW
SAMPLING TIME (START/END): 1520-1525
SAMPLING DATE: 4/18/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: BN-116-EP-MW334
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NAS Brunswick EP	Project No.: 29600.47	Date: 4/18/00
Well ID: MW-334	Field Personnel: KS/SW	

Parameter	6	7	8	9	10	11
Time (min.)	~~13~~ 1444	1449	1454	1459	1504	1509
Depth to Water (ft)	13.51	13.52	13.52	13.52	13.53	13.31
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	6.0	7.0	8.0	9.0	10.0	11.0
pH	7.46	7.54	7.58	7.64	7.63	7.65
Temperature (°C)	10.68	10.78	10.86	10.52	10.66	10.74
Conductivity (μmhos/cm)	166	166	163	164	163	163
Dissolved Oxygen (mg/L)	1.86	1.80	2.77	2.01	1.63	1.36
Turbidity (NTU)	45	37	53	48	38	38
Eh (mv)	-89	-95	-81	-83	-85	-88

Parameter	12	13	14	15	16	17
Time (min)	1514					
Depth to Water (ft)	13.30					
Purge Rate (L/min)	0.2					
Volume Purged (L)	~~7.65~~ 12.0					
pH	7.65					
Temperature (°C)	10.78					
Conductivity (μmhos/cm)	164					
Dissolved Oxygen (mg/L)	1.04					
Turbidity (NTU)	35					
Eh (mv)	-90					

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: MW-1104
WELL CONDITION: good
PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: overcast

GAUGE DATE: 4-19-00
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.25
GAUGE TIME: 1040
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4-19-00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0
PURGE TIME: 1041
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 27.55
B. DEPTH TO WATER (ft): 11.89
C. LIQUID DEPTH (ft) (A-B): 15.66
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 9.5
F. THREE WELL VOLUMES (L) (E*3): 28.5

Parameter	Beginning	1	2	3	4	5
Time (min)	1046	1051	1056	1101	1104	1107
Depth to Water (ft)	11.91	11.91	11.91	11.91	11.91	11.91
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	0.1
Volume Purged (L)	0.5	1	1.5	2	2.3	2.6
pH	4.53	5.01	5.16	5.35	5.38	5.43
Temperature (°C)	8.68	10.07	10.50	10.68	10.71	10.73
Conductivity (μmhos/cm)	201	197	204	207	213	214
Dissolved Oxygen (mg/L)	4.55	3.19	2.65	2.33	2.17	2.16
Turbidity (NTU)	28	14	10	8	7	7
Eh (mv)	214	182	161	153	152	150

TOTAL QUANTITY OF WATER REMOVED (L): 3

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 1110
SAMPLING DATE: 4-19-00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-MW1104
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: phcheckokk

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME:	EP	PROJECT NUMBER:	2960047
WELL I.D.:	MW-NASB-212	WELL LOCK STATUS:	locked
WELL CONDITION:	good	WEATHER:	Sunny, 60
GAUGE DATE:	4-20-00	GAUGE TIME:	1530
SOUNDING METHOD:	Slope indicator	MEASUREMENT REF:	Toe
STICK UP/DOWN (ft):	2.96	WELL DIAMETER (in.):	2
PURGE DATE:	4-20	PURGE TIME:	1550
PURGE METHOD:	Low Flow	FIELD PERSONNEL:	SC, BA
AMBIENT AIR VOCs (ppm)	Start: 0 End: 0	WELL MOUTH VOCs (ppm):	Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft):	64.3	D. WELL VOLUME/FT (L):	0.605
B. DEPTH TO WATER (ft):	8.80	E. WELL VOLUME (L) (C*D):	33.6
C. LIQUID DEPTH (ft) (A-B):	55.5	F. THREE WELL VOLUMES (L) (E*3):	100

Parameter	Beginning	1	2	3	4	5
Time (min)	** 1555	1600	1605	** 1610	1615	1620
Depth to Water (ft)	9.34	9.35	9.36	9.36	9.33	9.33
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	0.1
Volume Purged (L)	0.5	1	1.5	2	2.5	3
pH	5.77	6.17	6.44	6.34	6.42	6.38
Temperature (°C)	10.32	9.27	9.81	10.02	10.09	10.10
Conductivity (μmhos/cm)	176	218	211	204	208	202
Dissolved Oxygen (mg/L)	11.20	1.25	0.31	1.58	0.75	0.99
Turbidity (NTU)	37	428	225	215	120	74
Eh (mv)	87	60	58	57	56	53

TOTAL QUANTITY OF WATER REMOVED (L): 5

SAMPLERS:	SC, BA	SAMPLING TIME (START/END):	1635
SAMPLING DATE:	4-20-00	DECONTAMINATION FLUIDS USED:	none
SAMPLE TYPE:	Grab	SAMPLE PRESERVATIVES:	~~VOC~~ HCL
SAMPLE BOTTLE IDs:	BN-16-EP-MW212		
SAMPLE PARAMETERS:	~~AOA~~ VOC		** emptied Flowcell

COMMENTS AND OBSERVATIONS: phcheck OK* containerized

BN-16-EP-DS212S 1535

* BN-16-EP-DS212M 1540

* BN-16-EP-DS212D 1545 * appears that grit/sand did not ~~the~~ diffuse through bag. It was coated on the outside of the bag

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EP	Project No.: 29600.47	Date: 4-20-00
Well ID: MW-NASB-212	Field Personnel: SC, BA	

Parameter	6	7	8	9	10	11
Time (min.)	1625	1630				
Depth to Water (ft)	9.33	9.32				
Purge Rate (L/min)	0.1	0.1				
Volume Purged (L)	3.5	4				
pH	6.44	6.42				
Temperature (°C)	10.11	10.16				
Conductivity (μmhos/cm)	208	206				
Dissolved Oxygen (mg/L)	0.96	0.92				
Turbidity (NTU)	55	56				
Eh (mv)	51	49				

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NAS Brunswick
WELL I.D.: P106
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: Locked
WEATHER: Sunny ± 45

GAUGE DATE: 4/20/00
SOUNDING METHOD: Slope Indicator
STICK UP/DOWN (ft): 2.53

GAUGE TIME: 1640
MEASUREMENT REF: TOC
WELL DIAMETER (in.): Piezometer

PURGE DATE: 4/20/00
PURGE METHOD: peristaltic
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø

PURGE TIME: 1650
FIELD PERSONNEL: KS/SW
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 72.4
B. DEPTH TO WATER (ft): 9.85
C. LIQUID DEPTH (ft) (A-B): 62.55
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 38
F. THREE WELL VOLUMES (L) (E*3): 114

Parameter	Beginning	1	2	3 *	4	5
Time (min)	1655	1700	1705	1710	1715	1718
Depth to Water (ft)	9.85	10.30	10.32	10.35	10.36	10.36
Purge Rate (L/min)	.2	.2	.2	.2	.2	.2
Volume Purged (L)	1.0	2.0	3.0	4.0	5.0	5.6
pH	7.96	7.48	7.29	7.26	7.18	7.11
Temperature (°C)	10.20	9.15	8.93	8.85	8.88	8.90
Conductivity (μmhos/cm)	184	166	132	131	128	128
Dissolved Oxygen (mg/L)	6.01	5.44	5.48	5.52	5.56	5.46
Turbidity (NTU)	60	53	61	15	9	9
Eh (mv)	103	107	108	108	108	108

TOTAL QUANTITY OF WATER REMOVED (L): 6.2

SAMPLERS: KS/SW
SAMPLING TIME (START/END): 1725-1730
SAMPLING DATE: 4/20/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: BN-16-EP-P106 and BN-16-EP-MWXD3
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: * Amp flow cell

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NAS Brunswick	Project No.: 29600.47	Date: 4/20/00
Well ID: P106	Field Personnel: KJ/SW	

Parameter	6	7	8	9	10	11
Time (min.)	1721					
Depth to Water (ft)	10.32					
Purge Rate (L/min)	.2					
Volume Purged (L)	6.2					
pH	7.09					
Temperature (°C)	8.90					
Conductivity (μmhos/cm)	127					
Dissolved Oxygen (mg/L)	5.42					
Turbidity (NTU)	9					
Eh (mv)	109					

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NAS Brunswick
WELL I.D.: P111
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: Locked
WEATHER: Cloudy ± 45

GAUGE DATE: 4/21/00
SOUNDING METHOD: SCOPE INDICATOR
STICK UP/DOWN (ft):

GAUGE TIME: 0826
MEASUREMENT REF: TOC
WELL DIAMETER (in.): Piezometer

PURGE DATE: 4/21/00
PURGE METHOD: Peristaltic
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø

PURGE TIME: 0830
FIELD PERSONNEL: KB/SW
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 9.9
B. DEPTH TO WATER (ft): 4.52
C. LIQUID DEPTH (ft) (A-B): 5.38
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 3.3
F. THREE WELL VOLUMES (L) (E*3): 9.9

Parameter	Beginning	1	2	3	4	5	6
		*		*			
Time (min)	0835	0840	0845	0850	0855	0858	0901
Depth to Water (ft)	4.52	6.69	6.58	6.65	6.66	6.66	6.67
Purge Rate (L/min)	.2	.2	.2	.2	.2	.2	.2
Volume Purged (L)	1.0	2.0	3.0	4.0	5.0	5.6	6.2
pH	7.09	6.66	6.31	6.71	6.73	6.52	6.24
Temperature (°C)	6.72	5.60	5.37	5.45	5.36	5.24	5.11
Conductivity (μmhos/cm)	133	127	126	125	125	125	125
Dissolved Oxygen (mg/L)	3.50	4.10	0.93	0.91	0.78	0.64	0.58
Turbidity (NTU)	443	206	56	23	9	6	5
Eh (mv)	90	80	80	76	74	70	67

TOTAL QUANTITY OF WATER REMOVED (L): 8

SAMPLERS: KB/SW
SAMPLING TIME (START/END): 0905-0907
SAMPLING DATE: 4/21/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-P111
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: * Dump Flow Cell

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EP
WELL I.D.: ~~BA~~ P-132
WELL CONDITION: good

PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: overcast, raining

GAUGE DATE: 4-19-00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft):

GAUGE TIME: 915
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4-19-00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 920
FIELD PERSONNEL: SC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 32.46
B. DEPTH TO WATER (ft): 17.04
C. LIQUID DEPTH (ft) (A-B): 15.42
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 9.3
F. THREE WELL VOLUMES (L) (E*3): 28

Parameter	Beginning	1	2	3	4	5
Time (min)	925	930	935	940	945	950
Depth to Water (ft)	17.20	17.28	17.25	17.25	17.25	17.25
Purge Rate (L/min)	0.1	0.1	0.1	0.1	0.1	0.1
Volume Purged (L)	0.5	1	1.5	2	2.5	3
pH	4.96	5.92	6.20	6.30	6.34	6.41
Temperature (°C)	8.86	10.42	10.73	10.93	11.01	11.06
Conductivity (μmhos/cm)	43	45	45	45	45	46
Dissolved Oxygen (mg/L)	9.57	9.27	9.34	9.26	9.24	9.17
Turbidity (NTU)	40	20	13	9	10	9
Eh (mv)	181	168	158	154	158	153

TOTAL QUANTITY OF WATER REMOVED (L): 3.5

SAMPLERS: SC, BA
SAMPLING TIME (START/END): 959
SAMPLING DATE: 4-19-00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-EP-P132
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS:
ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Site 1 and 3
WELL I.D.: 202A
WELL CONDITION: good

PROJECT NUMBER:
WELL LOCK STATUS: locked
WEATHER: drizzle, cold ±50

GAUGE DATE: 4/12/00
SOUNDING METHOD: water level indicator
STICK UP/DOWN (ft): — 2.11

GAUGE TIME: 1307
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/12/00
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End:

PURGE TIME: 1311
FIELD PERSONNEL: BA/LS
WELL MOUTH VOCs (ppm): Start: 0 End:

WELL VOLUME

A. WELL DEPTH (ft): 31.09
B. DEPTH TO WATER (ft): 19.56
C. LIQUID DEPTH (ft) (A-B): 11.53

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 698
F. THREE WELL VOLUMES (L) (E*3): 20.94

Parameter	Beginning	1	2	3	4	5
Time (min)	1316	1321	1326	1331	1336	1341
Depth to Water (ft)	19.56	21.84	21.78	22.37	21.90	23.55
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	1.5	3	4.5	6	7.5	9
pH	5.01	5.24	5.56	5.25	5.67	5.55
Temperature (°C)	9.07	9.18	12.37	13.85	13.53	12.09
Conductivity (μmhos/cm)	366	270	362	430	476	521
Dissolved Oxygen (mg/L)	9.82	7.69	5.88	4.36	3.64	2.43
Turbidity (NTU)	129	82.6	85	8	10.4	13.7
Eh (mv)	113	131	134	127	115	107

TOTAL QUANTITY OF WATER REMOVED (L): 20.4

SAMPLERS: LS/BA
SAMPLING TIME (START/END): 1415/1419
SAMPLING DATE: 4/12/00
DECONTAMINATION FLUIDS USED: —
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCl,
SAMPLE BOTTLE IDs: BN-16-S1-MW202A
SAMPLE PARAMETERS: VOCs, Metals ph check OK

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: 1 and 3	Project No.:	Date: 4/12/00
Well ID: 202A	Field Personnel: LS/BA	

Parameter	6	7	8	9	10	11
Time (min.)	1346	1351	1356	1401	1406	
Depth to Water (ft)	22.70	22.70	22.93	22.65	21.91	
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	
Volume Purged (L)	10.5	12	13.5	15	16.5	
pH	5.70	5.76	5.65	5.81	5.84	
Temperature (°C)	13.15	14.07	13.96	13.70	14.32	
Conductivity (μmhos/cm)	556	585	588	583	593	
Dissolved Oxygen (mg/L)	1.80	1.69	1.69	1.89	1.90	
Turbidity (NTU)	14.5	22	6	4	9	
Eh (mv)	104	96	86	83	83	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Site 103
PROJECT NUMBER: 29600.47 7516
WELL I.D.: MW 203
WELL LOCK STATUS: Good
WELL CONDITION: Good
WEATHER: breezy, cloudy, cold (40)

GAUGE DATE: 4/12/00
GAUGE TIME: 1435
SOUNDING METHOD: water level indicator
MEASUREMENT REF: TOC
STICK UP/DOWN (ft): 2.12
WELL DIAMETER (in.): 2"

PURGE DATE: 4/12/00
PURGE TIME: ~~1438~~ 1440
PURGE METHOD: Low flow
FIELD PERSONNEL: LS, BA
AMBIENT AIR VOCs (ppm) Start: 0 End: 0
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 42.04
B. DEPTH TO WATER (ft): 31.58
C. LIQUID DEPTH (ft) (A-B): 10.46
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 6.32
F. THREE WELL VOLUMES (L) (E*3): 18.98

Parameter	Beginning	1	2	3	4	5
Time (min)	1441	1446	1451	1456	1501	1506
Depth to Water (ft)	31.58	31.61	31.61	31.61	31.61	31.61
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.2	1.2	2.2	3.2	4.2	5.2
pH	5.05	5.40	5.93	6.08	6.11	6.13
Temperature (°C)	10.14	10.68	13.51	14.45	14.54	14.56
Conductivity (μmhos/cm)	613	696	800	818	820	821
Dissolved Oxygen (mg/L)	9.84	9.51	9.38	9.33	9.32	9.32
Turbidity (NTU)	36	6	3	3	3	3
Eh (mv)	136	128	105	84	79	79

TOTAL QUANTITY OF WATER REMOVED (L): 6.4

SAMPLERS: LS, BA
SAMPLING TIME (START/END): 1510 / 1512
SAMPLING DATE: 4/12/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL, HNO_3
SAMPLE BOTTLE IDs: BN-16-S1-MW203
SAMPLE PARAMETERS: VOC, metals
COMMENTS AND OBSERVATIONS: ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-20~~B~~
WELL CONDITION: good

PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: Overcast, windy, 40

GAUGE DATE: 4/12/00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.74

GAUGE TIME: 1504
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4/12/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1505
FIELD PERSONNEL: SC, SW
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 37.18
B. DEPTH TO WATER (ft): 29.92
C. LIQUID DEPTH (ft) (A-B): 7.26

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 4.39
F. THREE WELL VOLUMES (L) (E*3): 13.17

Parameter	Beginning	1	2	3	4	5
Time (min)	1508	1511	1514	1517	1520	~~1523~~
Depth to Water (ft)	30.12	30.12	30.12	30.12	30.12	
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	
Volume Purged (L)	0.6	1.2	1.8	2.4	3.0	
pH	4.51	4.83	5.20	5.35	5.45	
Temperature (°C)	9.27	9.40	9.97	10.35	10.52	
Conductivity (μmhos/cm)	52	55	56	54	52	
Dissolved Oxygen (mg/L)	10.48	10.49	10.49	10.50	10.50	
Turbidity (NTU)	3	1	1	1	1	
Eh (mv)	182	181	176	176	174	

TOTAL QUANTITY OF WATER REMOVED (L): 4

SAMPLERS: SC, SW
SAMPLING TIME (START/END): 1523/1525
SAMPLING DATE: 4/12/00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16-51-MW20~~B~~4
SAMPLE PARAMETERS:
COMMENTS AND OBSERVATIONS: ph ok

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Site 10 3
WELL I.D.: MW-217B
WELL CONDITION: Good

PROJECT NUMBER: 29600.47 7516
WELL LOCK STATUS: Good
WEATHER: overcast cold

GAUGE DATE: 4/12/00
SOUNDING METHOD: water level meter
STICK UP/DOWN (ft):

GAUGE TIME: 1112
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/12/00 (See note)
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: Ø End: Ø

PURGE TIME: ~~1~~ 1115
FIELD PERSONNEL: LS, BA
WELL MOUTH VOCs (ppm): Start: Ø End: Ø

WELL VOLUME

A. WELL DEPTH (ft): 34.60
B. DEPTH TO WATER (ft): 28.13
C. LIQUID DEPTH (ft) (A-B): 6.47

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 3.9
F. THREE WELL VOLUMES (L) (E*3): 11.7

Parameter	Beginning	1	2	3	4	5
Time (min)	1120					
Depth to Water (ft)	29.54					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	6.35					
Temperature (°C)	8.18					
Conductivity (μmhos/cm)	985					
Dissolved Oxygen (mg/L)	6.43					
Turbidity (NTU)	1020					
Eh (mv)	73					

TOTAL QUANTITY OF WATER REMOVED (L): _____

SAMPLERS: LS, BA
SAMPLING TIME (START/END): 1115
SAMPLING DATE: 4/12/00
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL, HNO3
SAMPLE BOTTLE IDs: BN-16-S1-MW217B
SAMPLE PARAMETERS: VOC, metals

COMMENTS AND OBSERVATIONS: *Collect water for water qual & sample because water just above pump, wait for recharge to continue & finish.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME:	Site 1+3	PROJECT NUMBER:	2960047
WELL I.D.:	MW-~~NAS~~ 218	WELL LOCK STATUS:	locked
WELL CONDITION:	good	WEATHER:	Sunny, 40°
GAUGE DATE:	4-13-00	GAUGE TIME:	937
SOUNDING METHOD:	Slope indicator	MEASUREMENT REF:	TOC
STICK UP/DOWN (ft):	2.61	WELL DIAMETER (in.):	2
PURGE DATE:	4-12-00	PURGE TIME:	938
PURGE METHOD:	~~3500~~ LowFlow	FIELD PERSONNEL:	SC, SW
AMBIENT AIR VOCs (ppm)	Start: 0 End: 0	WELL MOUTH VOCs (ppm):	Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft):	53.54	D. WELL VOLUME/FT (L):	0.605
B. DEPTH TO WATER (ft):	34.00	E. WELL VOLUME (L) (C*D):	11.82
C. LIQUID DEPTH (ft) (A-B):	19.54	F. THREE WELL VOLUMES (L) (E*3):	35.46

Parameter	Beginning	1	2	3	4	5
Time (min)	943	948	953	958	1003	1008
Depth to Water (ft)	34.09	34.19	34.38	34.69	34.76	34.94
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	1	2	3	4	5	6
pH	7.22	7.69	7.69	7.60	7.34	7.34
Temperature (°C)	9.68	13.80	14.24	13.65	15.76	14.97
Conductivity (μmhos/cm)	1224	1151	1111	1082	10.92	1155
Dissolved Oxygen (mg/L)	1.33	0.68	2.40	2.30	1.93	1.48
Turbidity (NTU)	8	17	38	28	23	26
Eh (mv)	-95	-143	-154	-144	-150	-164

TOTAL QUANTITY OF WATER REMOVED (L): 8

SAMPLERS:	SC, SW	SAMPLING TIME (START/END):	1015 / 1018
SAMPLING DATE:	4/12/00	DECONTAMINATION FLUIDS USED:	none
SAMPLE TYPE:	Grab	SAMPLE PRESERVATIVES:	HCL, HNO_3
SAMPLE BOTTLE IDs:	BN-16-S1-mw218	BN-16-S1-mw X01	
SAMPLE PARAMETERS:	VOC, metals		

COMMENTS AND OBSERVATIONS: had to keep adjusting flow rate, containerized water.

* need to redevelop

water would not purge @ 3500. Turned pump to, waited 5 minutes, sampled. Will investigate prior to next sampling (Sept 00)

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME:	Sites 1&3	PROJECT NUMBER:	2960047
WELL I.D.:	MW-218	WELL LOCK STATUS:	locked
WELL CONDITION:	good	WEATHER:	Sunny, 40
GAUGE DATE:	4/13/00	GAUGE TIME:	900
SOUNDING METHOD:	Slope indicator	MEASUREMENT REF:	TOC
STICK UP/DOWN (ft):	2.56	WELL DIAMETER (in.):	2
PURGE DATE:	4-13-00	PURGE TIME:	901
PURGE METHOD:	Low Flow	FIELD PERSONNEL:	SC, SW
AMBIENT AIR VOCs (ppm)	Start: 0 End: 0	WELL MOUTH VOCs (ppm):	Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft):	71.82	D. WELL VOLUME/FT (L):	0.605
B. DEPTH TO WATER (ft):	30.18	E. WELL VOLUME (L) (C*D):	25.19
C. LIQUID DEPTH (ft) (A-B):	41.64	F. THREE WELL VOLUMES (L) (E*3):	75.57

Parameter	Beginning	1	2	3	4	5
Time (min)	906	911	916	921	926	
Depth to Water (ft)	30.54	30.56	30.59	30.64	30.69	
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	
Volume Purged (L)	1.5	3.0	4.5	6.0	7.5	
pH	5.69	5.72	5.74	5.74	5.74	
Temperature (°C)	9.85	9.82	9.83	9.83	9.83	
Conductivity (μmhos/cm)	137	139	142	140	140	
Dissolved Oxygen (mg/L)	6.97	6.93	6.92	6.89	6.91	
Turbidity (NTU)	66	16	~~32~~ 9	2	1	
Eh (mv)	149	148	148	149	150	

TOTAL QUANTITY OF WATER REMOVED (L): 9.3

SAMPLERS:	SC, SW	SAMPLING TIME (START/END):	930/932
SAMPLING DATE:	4/13/00	DECONTAMINATION FLUIDS USED:	none
SAMPLE TYPE:	Grab	SAMPLE PRESERVATIVES:	HCL, HNO_3

SAMPLE BOTTLE IDs: BN-16-59-MW218 BN-16-59-MW X01

SAMPLE PARAMETERS: VOC, Metals

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-240
WELL CONDITION: good

PROJECT NUMBER: 2960047
WELL LOCK STATUS: locked
WEATHER: Overcast, windy, 4C

GAUGE DATE: 4/12/00
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft):

GAUGE TIME: 1435
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4/12/00
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1437
FIELD PERSONNEL:
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 42.60
B. DEPTH TO WATER (ft): 31.01
C. LIQUID DEPTH (ft) (A-B): 11.59
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 7.01
F. THREE WELL VOLUMES (L) (E*3): 21.03

Parameter	Beginning	1	2	3	4	5
Time (min)	1440	1443	1446	1449	1452	
Depth to Water (ft)	31.05	31.05	31.05	31.05	31.05	
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	
Volume Purged (L)	0.6	1.2	1.8	2.4	3.0	
pH	4.63	5.01	5.19	5.23	5.33	
Temperature (°C)	9.52	9.77	9.86	9.98	10.12	
Conductivity (μmhos/cm)	124	111	116	117	117	
Dissolved Oxygen (mg/L)	10.08	9.88	9.82	9.78	9.79	
Turbidity (NTU)	3	5	8	7	5	
Eh (mv)	176	178	178	177	176	

TOTAL QUANTITY OF WATER REMOVED (L): 4.6

SAMPLERS: SC, SW
SAMPLING TIME (START/END): 1453/1456
SAMPLING DATE: 4/12/00
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL, HNO_3
SAMPLE BOTTLE IDs: ~~MW~~ BN-16-51-MW240 ms/msd
SAMPLE PARAMETERS: VOC, metals

COMMENTS AND OBSERVATIONS:
ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME:	S. to 123 ~~MW-2101~~	PROJECT NUMBER:	2760047 7516
WELL I.D.:	MW2101	WELL LOCK STATUS:	locked
WELL CONDITION:	good	WEATHER:	cloudy / cold ±45
GAUGE DATE:	4/12/00	GAUGE TIME:	1000
SOUNDING METHOD:	water-level indicator	MEASUREMENT REF:	TOC
STICK UP/DOWN (ft):	— 5.24	WELL DIAMETER (in.):	2"
PURGE DATE:	4/12/00	PURGE TIME:	1005
PURGE METHOD:	low flow	FIELD PERSONNEL:	ORLS
AMBIENT AIR VOCs (ppm)	Start: 0 End: 0	WELL MOUTH VOCs (ppm):	Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft):	~~11.49~~ 30.00	D. WELL VOLUME/FT (L):	0.605
B. DEPTH TO WATER (ft):	11.49	E. WELL VOLUME (L) (C*D):	11.20
C. LIQUID DEPTH (ft) (A-B):	18.51	F. THREE WELL VOLUMES (L) (E*3):	33.60

Parameter	Beginning	1	2	3	4	5
Time (min)	1008	1013	1018	1023	1028	1033
Depth to Water (ft)	11.49	11.63	11.62	11.62	11.62	11.62
Purge Rate (L/min)	.4	.4	.4	.4	.4	.4
Volume Purged (L)	1.2	3.2	5.2	7.2	9.2	10.2
pH	3.95	5.28	5.43	5.49	5.52	5.55
Temperature (°C)	8.31	8.89	9.06	9.16	9.12	9.20
Conductivity (μmhos/cm)	266	324	375	390	370	362
Dissolved Oxygen (mg/L)	9.46	9.00	8.71	8.40	8.12	7.69
Turbidity (NTU)	3	3	3	3	3	3
Eh (mv)	168	171	173	176	175	177

TOTAL QUANTITY OF WATER REMOVED (L): 20

SAMPLERS:	LSIB^A	SAMPLING TIME (START/END):	1055
SAMPLING DATE:	4/12/00	DECONTAMINATION FLUIDS USED:	DI
SAMPLE TYPE:	grab	SAMPLE PRESERVATIVES:	HCl, HNO3
SAMPLE BOTTLE IDs:	BN-16-51-MW 2101		
SAMPLE PARAMETERS:	VOCs, Metals		

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Site 103	Project No.: 2960047	Date: 4/12/00
Well ID: MW-2101	Field Personnel: LS BA	

Parameter	6	7	8	9	10	11
Time (min.)	1038	1043	1048			
Depth to Water (ft)	11.62	11.62	11.62			
Purge Rate (L/min)	.4	.4	.4			
Volume Purged (L)	13.2	15.2	17.2			
pH	5.55	5.56	5.57			
Temperature (°C)	9.22	9.17	9.18			
Conductivity (μmhos/cm)	358	350	351			
Dissolved Oxygen (mg/L)	7.63	7.44	7.22			
Turbidity (NTU)	3	3	3			
Eh (mv)	176	181	179			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

Appendix B.3

Field Record of Surface Water and Sediment Sampling Forms

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1+3			Project Number: 2960047
Sample Location ID: SW-4			Date: 4-13-00
Sampling Time: 1340	Start: 1335	End 1345	Sample Team Members: SC, SW

SURFACE WATER INFORMATION

Type of Surface Water:
(✓) Stream ( ) River
( ) Pond/Lake ( ) Seep

Equipment Used for Collection:
(✓) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Water Quality Parameters
( ) Temperature 8.68 °C
( ) Conductivity 156 µmhs/cm
( ) ph 7.33 units
( ) Dissolved oxygen 12.58 mg/L
( ) Turibidity 4 NTU
( ) Eh 35 mv

Water Depth and Sample Location 2 (ft)

Depth of Sample from Top of Water 1.8 (ft)

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(✓) None

Velocity Measurements Obtained? ( ) No ( ) Yes, See Flow Measurement Data Record med Flow

Field QC Data: (✓) Field Duplicate Collected
Duplicate ID SWX01
( ) MS/MSD

Sample Location Sketch:
( ) Yes
(✓) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		~~1.12 L~~	1.12L	✓	BN-16-S1-SW004
	✓		~~1.12 L~~	1.12L	✓	SWX01

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1+3				Project Number: 2960047
Sample Location ID: SW-7				Date: 4-13-00
Sampling Time: 1330	Start: 1325	End: 1335		Sample Team Members: SC, SW

SURFACE WATER INFORMATION

Type of Surface Water:
(✓) Stream ( ) River
( ) Pond/Lake ( ) Seep

Equipment Used for Collection:
(✓) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Water Quality Parameters
( ) Temperature 8.66 °C
( ) Conductivity 161 µmhs/cm
( ) ph 7.45 units
( ) Dissolved oxygen 12.59 mg/L
( ) Turibidity 2 NTU
( ) Eh 26 mv

Water Depth and Sample Location 1 (ft)

Depth of Sample from Top of Water 0.9 (ft)

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(✓) None

Velocity Measurements Obtained? ( ) No ( ) Yes, See Flow Measurement Data Record med Flow

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
(✓) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		✓	1.12L	✓	BN-1681-SW007

NOTES/SKETCH

Beaver Dam's approx. 35 Ft upstream and 20 Ft downstream
No effect on water height

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1+3			Project Number: 2960047
Sample Location ID: SW-8			Date: 4-13-00
Sampling Time: 1310	Start: 1305	End: 1315	Sample Team Members: SC SW

SURFACE WATER INFORMATION

Type of Surface Water:
(✓) Stream ( ) River
( ) Pond/Lake ( ) Seep

Water Depth and Sample Location 2 (ft)

Depth of Sample from Top of Water 1.8 (ft)

Equipment Used for Collection:
(✓) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(✓) None

Water Quality Parameters
( ) Temperature 8.70 °C
( ) Conductivity 150 µmhs/cm
( ) ph 7.40 units
( ) Dissolved oxygen 12.06 mg/L
( ) Turibidity 3 NTU
( ) Eh 13 mv

Velocity Measurements Obtained? ( ) No ( ) Yes, See Flow Measurement Data Record Slow Flow

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
(✓) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		✓	1.12L	✓	BN-16-S1-SW008

NOTES/SKETCH

small blockage of trees and grass adjacent to sample location
No change in water height

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1+3				Project Number: 2960047
Sample Location ID: SW-9				Date: 4-13-00
Sampling Time: 1300	Start: 1255	End: 1305		Sample Team Members: SC, SW

SURFACE WATER INFORMATION

Type of Surface Water:
(X) Stream ( ) River
( ) Pond/Lake ( ) Seep

Equipment Used for Collection:
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Water Quality Parameters
( ) Temperature 8.76 °C
( ) Conductivity 153 µmhs/cm
( ) ph 7.67 units
( ) Dissolved oxygen 11.73 mg/L
( ) Turibidity 4 NTU
( ) Eh 18 mv

Water Depth and Sample Location 1 (ft)

Depth of Sample from Top of Water 0.9 (ft)

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Velocity Measurements Obtained? ( ) No ( ) Yes, See Flow Measurement Data Record Sbw Flow

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
(X) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		✓	1.12L	✓	BN-16-S1-SW009

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: EP			Project Number: 2960047
Sample Location ID: SW-11			Date: 4-13-00
Sampling Time: 1017	Start: 1012	End: 1024	Sample Team Members: SBALS

SURFACE WATER INFORMATION

Type of Surface Water:
(✓) Stream ( ) River
( ) Pond/Lake ( ) Seep

Equipment Used for Collection:
(✓) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Water Quality Parameters
( ) Temperature 4.90 °C
( ) Conductivity 160 µmhs/cm
( ) ph 5.73 units
( ) Dissolved oxygen 3.11 mg/L
( ) Turibidity 3 NTU
( ) Eh 160 mv

Water Depth and Sample Location 1 (ft)

Depth of Sample from Top of Water 1 (ft)

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(✓) None

Velocity Measurements Obtained? ( ) No ( ) Yes, See Flow Measurement Data Record 2 Ft/sec

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
( ) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		✓	120ml	✓	BN-16-EP-SW11

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Eastern Plume			Project Number: 29600.47
Sample Location ID: SW-12			Date: 4/13/00
Sampling Time: 0942	Start: 940	End: 950	Sample Team Members: SC, LS, BA

SURFACE WATER INFORMATION

Type of Surface Water:
(X) Stream ( ) River
( ) Pond/Lake ( ) Seep

Water Depth and Sample Location 2 (ft)

Depth of Sample from Top of Water 1.8 (ft)

Equipment Used for Collection:
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____
(X) Dedicated bottle

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Water Quality Parameters
( ) Temperature 4.90 °C
( ) Conductivity 161 µmhs/cm
( ) ph 5.46 units
( ) Dissolved oxygen 13.30 mg/L
( ) Turibidity 38 NTU
( ) Eh 165 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record 1 Ft/second

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
(X) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	4		4	120ml	✓	BN-16: EP-SW12

NOTES/SKETCH

Rinsate @ 0500 done at 920.

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: EP			Project Number: 2960047
Sample Location ID: SW-13			Date: 4/13/00
Sampling Time: 1030	Start: 1025	End: 1035	Sample Team Members: LS BA

SURFACE WATER INFORMATION

Type of Surface Water:
(✓) Stream ( ) River
( ) Pond/Lake ( ) Seep

Water Depth and Sample Location 1 (ft)

Depth of Sample from Top of Water 1 (ft)

Equipment Used for Collection:
(✓) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(✓) None

Water Quality Parameters
( ) Temperature 7.00 °C
( ) Conductivity 134 µmhs/cm
( ) ph 5.71 units
( ) Dissolved oxygen 12.49 mg/L
( ) Turibidity 9 NTU
( ) Eh 149 mv

Velocity Measurements Obtained? ( ) No ( ) Yes, See Flow Measurement Data Record 1 Ft/Sec

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
( ) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		✓	120ml	✓	BN-16-EP-SW13

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Eastern Plume			Project Number: 2960047
Sample Location ID: SW-14			Date: 4/13/00
Sampling Time: 1008	Start: 1005	End: 1011	Sample Team Members: LS BA

SURFACE WATER INFORMATION

Type of Surface Water:
(X) Stream ( ) River
( ) Pond/Lake ( ) Seep

Water Depth and Sample Location 2.5 (ft)

Depth of Sample from Top of Water _____ (ft)

Equipment Used for Collection:
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____
(X) Dedicated bottle

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Water Quality Parameters
( ) Temperature _____ °C
( ) Conductivity _____ µmhs/cm
( ) ph _____ units
( ) Dissolved oxygen _____ mg/L
( ) Turibidity _____ NTU
( ) Eh _____ mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
( ) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs

NOTES/SKETCH

Appendix B.4

Field Record of Seep Sampling Forms

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1+3			Project Number: 2960047
Sample Location ID: Seep 1			Date: 4-13-00
Sampling Time: 1310	Start: 1305	End: 1335	Sample Team Members: BA, LS

SURFACE WATER INFORMATION

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake (X) Seep

Equipment Used for Collection:
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Water Quality Parameters
( ) Temperature 8.5 °C
( ) Conductivity 920 µmhs/cm
( ) ph 5.95 units
( ) Dissolved oxygen 10.89 mg/L
( ) Turibidity 400 NTU
( ) Eh 297 mv

Water Depth and Sample Location 0.5 (ft)

Depth of Sample from Top of Water 0.7 (ft)

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
(X) MS/MSD

Sample Location Sketch:
( ) Yes
(X) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
(X) Composite

Sediment Type:
( ) Clay
(X) Sand
(X) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
(X) Hand Spoon/Trowel
(X) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
(X) Isopropyl Alcohol
( ) ASTM Type II Water
(X) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

@ 1330

Sample Observations:
( ) Odor C
( ) Color Orange
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
✓	X		HCL, HNO_3	1L 120ml	✓	BN-16-S1-SP001
✓		X	none	8oz	✓	BN-16-S1-LTS01

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Site 13			Project Number: 2960047
Sample Location ID: Seep 3			Date: 4/13/06
Sampling Time: 1345	Start: 1335	End: 1900	Sample Team Members:

SURFACE WATER INFORMATION

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake (X) Seep

Water Depth and Sample Location 0.5 (ft)

Depth of Sample from Top of Water 0.4 (ft)

Equipment Used for Collection:
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Water Quality Parameters
( ) Temperature 7.00°C
( ) Conductivity 551 µmhs/cm
( ) ph 6.27 units
( ) Dissolved oxygen 11.01 mg/L
( ) Turibidity 280 NTU
( ) Eh 91 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
(X) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
(X) Composite

Sediment Type:
( ) Clay
(X) Sand
(X) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
(X) Hand Spoon/Trowel
(X) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
(X) Isopropyl Alcohol
( ) ASTM Type II Water
(X) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

@ 1355

Sample Observations:
( ) Odor _____
( ) Color Orange
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	X		HCL, HNO_3	1.12L	✓	BN-16-S1-SP003
		X	None	8oz	✓	BN-16-S1-LTS03

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1+3			Project Number: 2960047
Sample Location ID: Seep 4			Date: 4-13-00
Sampling Time: 1400	Start: 1355	End: 1415	Sample Team Members: BA, LS

SURFACE WATER INFORMATION

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake (X) Seep

Water Depth and Sample Location 0.5 (ft)

Depth of Sample from Top of Water 0.4 (ft)

Equipment Used for Collection:
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Water Quality Parameters
( ) Temperature 6.00 °C
( ) Conductivity 956 µmhs/cm
( ) ph 6.28 units
( ) Dissolved oxygen 7.52 mg/L
( ) Turibidity 170 NTU
( ) Eh 65 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
(X) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
(X) Composite

Sediment Type:
( ) Clay
(X) Sand
(X) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
(X) Hand Spoon/Trowel
(X) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
(X) Isopropyl Alcohol
( ) ASTM Type II Water
(X) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

@ 1410

Sample Observations:
( ) Odor _____
( ) Color orange
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	X		HCL HNO3	1.12 L	✓	BN-16-S1-SP004
		X	None	8oz	✓	BN-16-S1-LTSD4

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Site 3			Project Number: 2960047
Sample Location ID: Seep 5			Date: 4-13-00
Sampling Time: 1420	Start: 1415	End: 1435	Sample Team Members: LS, BA

SURFACE WATER INFORMATION

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake (X) Seep

Water Depth and Sample Location 0.5 (ft)

Depth of Sample from Top of Water 0.4 (ft)

Equipment Used for Collection:
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Water Quality Parameters
( ) Temperature 11.40 °C
( ) Conductivity 837 µmhs/cm
( ) ph 6.55 units
( ) Dissolved oxygen 4.77 mg/L
( ) Turibidity 820 NTU
( ) Eh 17 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
( ) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
(X) Composite

Sediment Type:
(X) Clay
(X) Sand
(X) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
(X) Hand Spoon/Trowel
(X) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
(X) Isopropyl Alcohol
( ) ASTM Type II Water
(X) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

@ 1430

Sample Observations:
( ) Odor _____
( ) Color orange
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		HCL, HNO3	1.12 L	✓	BN-16-S1-SP005
		✓	—	8oz	✓	BN-16-S1-LTSD5

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1+3			Project Number: 2960047
Sample Location ID: Seep 9			Date: 4-13-00
Sampling Time: 1440	Start: 1435	End: 1455	Sample Team Members: LS, BA

SURFACE WATER INFORMATION

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake (✓) Seep

Equipment Used for Collection:
(✓) None. Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Water Quality Parameters
( ) Temperature 15.8 °C
( ) Conductivity 206 µmhs/cm
( ) ph 6.58 units
( ) Dissolved oxygen 6.40 mg/L
( ) Turibidity 54 NTU
( ) Eh 12 mv

Water Depth and Sample Location 0.5 (ft)

Depth of Sample from Top of Water 0.4 (ft)

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Velocity Measurements Obtained? (✓) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: (X) Field Duplicate Collected
Duplicate ID BN-16-S1
( ) MS/MSD SPX01

Sample Location Sketch:
( ) Yes
(✓) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
(✓) Composite

Sediment Type:
( ) Clay
(✓) Sand
(✓) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
(✓) Hand Spoon/Trowel
(✓) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
(X) Isopropyl Alcohol
( ) ASTM Type II Water
(X) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

@ 1450

Sample Observations:
( ) Odor ~~[illegible]~~
( ) Color orange
( ) _____

Field QC Data: (✓) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		✓	2.2 L	✓	BN-16-S1-SP009, SPX01
		✓	—	8 oz	✓	BN-16-S1-CTX01, 47509

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: EP			Project Number: 296007
Sample Location ID: Seep 10			Date: 4-13-00
Sampling Time: 1105	Start: 1100	End: 1110	Sample Team Members: LS BA

SURFACE WATER INFORMATION

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake (✓) Seep

Water Depth and Sample Location _____ (ft)

Depth of Sample from Top of Water _____ (ft)

Equipment Used for Collection:
(✓) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(✓) None

Water Quality Parameters
( ) Temperature 4.40 °C
( ) Conductivity 79 µmhs/cm
( ) ph 5.77 units
( ) Dissolved oxygen _____ mg/L
( ) Turibidity 3 NTU
( ) Eh 207 mv

Velocity Measurements Obtained? (✓) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
( ) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		✓	120ml	✓	BN-16-EP-SEEP10

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Site · EP			Project Number: 2960047
Sample Location ID: Seep-11			Date: 4-13-00
Sampling Time: 1125	Start: 1120	End: 1128	Sample Team Members: LS, BA

SURFACE WATER INFORMATION

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake (X) Seep

Water Depth and Sample Location _____ (ft)

Depth of Sample from Top of Water _____ (ft)

Equipment Used for Collection:
(X) None. Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Water Quality Parameters
( ) Temperature 9.20 °C
( ) Conductivity 148 µmhs/cm
( ) ph 5.49 units
( ) Dissolved oxygen 11.62 mg/L
( ) Turibidity 4 NTU
( ) Eh 253 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
( ) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
	✓		✓	120ml	✓	BN-16-EP-SEEP11

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: EP			Project Number: 2960047
Sample Location ID: Seep 12			Date: 4-13-00
Sampling Time:	Start:	End:	Sample Team Members: BA-LS

SURFACE WATER INFORMATION

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake ( ) Seep

Water Depth and Sample Location _____ (ft)

Depth of Sample from Top of Water _____ (ft)

Equipment Used for Collection:
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Water Quality Parameters
( ) Temperature _____ °C
( ) Conductivity _____ µmhs/cm
( ) ph _____ units
( ) Dissolved oxygen _____ mg/L
( ) Turibidity _____ NTU
( ) Eh _____ mv

Velocity Measurements Obtained? ( ) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
( ) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs

NOTES/SKETCH

Sample not collected. Believed to be same flow as Seep 11

Appendix B.5

Field Record of Landfill Gas Monitoring

EA Engineering, Science, and Technology

FIELD RECORD OF LANDFILL GAS MONITORING

Project Name: LTMP EU16	Project No: 29600.47	Date: 4/11/00
Weather/Temperature/Barometric Pressure: Cloudy / ±50		
EA Personnel: LS	Equipment: GA-90	
Equipment Calibration Information:		

ID No.	Labeled/ Capped	Probe/Vent Locked	Casing/Seal Condition	Depth to Bottom (ft)	Pressure (in. H_2O)	Percent Methane	Percent Oxygen	Percent CO_2	Comments
1	yes/NA	N/A	good	NA	30.3	00.1%	14.3%	00.0%	
2	yes/NA	NA	good	NA	30.3	00.1%	19.9%	00.0%	
3	yes/NA	NA	good	NA	30.3	00.1%	20.0%	00.0%	
4	yes/NA	NA	good	NA	30.3	00.1%	19.8%	00.0%	
5	yes/NA	NA	good	NA	30.3	00.1%	20.1%	00.0%	
6	yes/NA	NA	good	NA	30.3	00.1%	20.1%	00.0%	
7	yes/NA	NA	good	NA	30.3	00.0%	20.1%	00.0	
8	yes/NA	NA	good	NA	30.3	00.0%	19.7%	00.1	
9	yes/NA	NA	good	NA	30.3	00.0%	17.3%	00.2	
10	yes	NA	good	NA	30.3	00.0	*17.5% ~~17.6%~~	00.0	*O_2 inaccurate reading
11	yes	NA				00.2	*	00.1%	*O_2 inaccurate reading
12	* sealed								
13	* sealed								
14						00.1	20.6	00.0%	

Gas Probes

4	Good	30.3	0.1	20.1	0.0	—
5	Good	30.3	0.1	20.1	0.0	—
6	Good	30.3	0.2	20.1	0.0	—

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EA Engineering, Science, and Technology

FIELD RECORD OF LANDFILL GAS MONITORING

Project Name: LTMP ENGINEERING INSPECTION	Project No: 29600.47	Date: 4/20/99
Weather/Temperature/Barometric Pressure: SUNNY, CLEAR, 55°F		
EA Personnel: BCB	Equipment: GA-90	
Equipment Calibration Information:		

ID No.	Labeled/ Capped	Probe/Vent Locked	Casing/Seal Condition	Depth to Bottom (ft)	Pressure (in. ~~H_2O~~ HG)	Percent Methane	Percent Oxygen	Percent CO_2	Comments
1			GOOD		29.7	0	20.8	0	NO VISIBLE BURROWS
2			GOOD		29.7	0	21.0	0	LARGE ANIMAL BURROW
3			GOOD		29.7	0	21.0	0	SMALL ANIMAL BURROWS
4			GOOD		29.7	0	21.0	0	NO VISIBLE BURROWS
5			GOOD		29.7	0	21.1	0	MULTIPLE ANIMAL BURROWS
6			GOOD		29.7	0	20.9	0	MULTIPLE ANIMAL BURROWS
7			GOOD		29.7	0	21.1	0	MULTIPLE ANIMAL BURROWS
8			GOOD		29.7	0	21.2	0	MULTIPLE ANIMAL BURROWS
9			GOOD		29.7	0.1	21.1	0	MULTIPLE ANIMAL BURROWS
10			GOOD		29.7	0	21.1	0	MULTIPLE ANIMAL BURROWS
11			GOOD		29.7	0	21.2	0	MULTIPLE ANIMAL BURROWS
12			INC.		29.7	0	20.7	0	NO VISIBLE BURROWS
13			INC.		29.7	0.1	20.4	0.6	MULTIPLE ANIMAL BURROWS
14			GOOD		29.7	0	20.9	0	MULTIPLE ANIMAL BURROWS
GAS PROBES									
4			GOOD		29.7	0.1	19.2	1.4	—
5			GOOD		29.7	0.1	18.9	3.3	—
6			GOOD		29.7	0.2	20.1	0.3	—

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Appendix C

Analytical Data Quality Review

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APPENDIX C
ANALYTICAL DATA QUALITY REVIEW

C.1 INTRODUCTION

This project utilized both field and analytical laboratory quality control measures to ensure that the data quality objectives presented in the project-specific Quality Assurance Project Plan (QAPP) (EA 2000)[1] were met.

The sampling program consisted of 100 aqueous samples (of which 13 were field duplicates) (ground-water, surface water, leachate seep, and diffusion samples) collected from Sites 1 and 3 and Eastern Plume, and 6 sediment samples (of which 1 were a field duplicate) collected from Sites 1 and 3. For the combined analyses for these sites, the laboratory was provided with 1 sediment and 8 aqueous sample delivery groups (SDGs) which included 3 rinsate blanks, 1 field blank, 3 trip blanks, and 1 source water blank. Field sample duplicates and source water, equipment rinsate, and trip blanks were collected at the frequency required by the QAPP.

Analytical quality control was reviewed for compliance against data quality objectives established for precision and accuracy for each sample and analysis type, including field quality control blanks (i.e., trip blank) and field sample duplication. Analytical precision was based upon the mean relative percent difference (RPD) of the matrix spike/matrix spike duplicates (MS/MSD) for organic analysis and the RPD of the laboratory duplicates for inorganic analysis. Accuracy was based upon the reported spike recoveries for the laboratory control standard (LCS), MS/MSD and system monitoring compound (SMC) recoveries (for organic analysis), and LCS and MS recoveries (for inorganic analysis).

The ability of the laboratory to extract compounds is confirmed by the recoveries of the LCS. MS/MSD and SMC recoveries measure the effect of the sample matrix on sample preparation and measurement methodology. Known quantities of target compounds are spiked into the sample matrix for the MS/MSD, and recoveries are used to measure potential bias due to matrix effects. SMC, which are structurally similar to the targeted analytes, are used to evaluate the recovery of the target compounds, which are then used as indicators for all of the analytes. The accuracy of the LCS spike recoveries is used in conjunction with the MS/MSD when evaluating organic analyses.

Data completeness was quantified by reviewing the number of usable results to the number of results reported. Reported field sample completeness was quantified by comparing the number of samples specified in the Final Long-Term Monitoring Plan (LTMP) (EA 2000) to the number of samples collected during Monitoring Event 16.

1. EA Engineering, Science, and Technology. 2000. Final Long-Term Monitoring Plan for Sites 1 and 3 and Eastern Plume, Naval Air Station, Brunswick, Maine. February.

For clarity, the following terms are defined for use throughout Appendix C:

- **Instrument Detection Limit (IDL)**Defined as the lowest concentration that can be determined to be statistically different from instrument background noise (instrument blank).

- **Method Detection Limit**The minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero and is determined from analysis of a sample for a given matrix. The method detection limits for soil and aqueous media are summarized in Appendix C.1.

- **Contract Required Detection Limit/Contract Required Quantitation Limit (CRDL/CRQL)**Minimum level of detection acceptable under the contract Statement of Work in order to ensure regulatory compliance. This terminology is widely accepted in the industry as defined by the U.S. Environmental Protection Agency (EPA) contract laboratory protocols and is a standard list of inorganic analyte concentrations and organic compound concentrations on which laboratory flags and data validation qualifiers are based. These published concentrations are meant to be above the laboratory IDLs in order to ensure a level of confidence. The published CRDLs/CRQLs are specific to the Contract Laboratory Program methodology but are often used throughout industry methods. The data user should be aware that stated CRDLs/CRQLs are generic for a method and are affected for each sample by sample size, concentration, percent solids, and dilution factors.

- **Practical Quantitation Limit**Defined as the lowest level that can be reasonably achieved within specified units of precision and accuracy during routine laboratory operating conditions.

The following sections summarize the results of this program:

Data Quality Review		Holding Time	Field Blank Contamination	Precision		Accuracy			Completeness	
				Laboratory	Field	SMC	MS/MSD	LCS	Analytical	Field
Aqueous	VOC	✔	✔B	✔J	✔J	✔	✔J	✔J	100%	100%
	Metals	✔	✔B	✔	✔J	NA	✔J	✔	100%	100%
Sediment	VOC	✔	✔B	✔J	✔J	✔	✔J	✔J	100%	100%
	Metals	✔	✔B	✔	✔J	NA	✔	✔	100%	100%

NOTE: VOC = Volatile organic compounds.
✔ = The data are usable as reported based on the data quality review of this quality measurement.
B = The data have been affected by field blank/laboratory contamination; false-positives may exist.
✔J = The data are usable, however, some analyte concentrations should be considered estimates of their true concentrations.
NA = The quality measurement does not apply to this matrix or analytical methodology.

All volatile organic compound (VOC) and metals data for Sites 1 and 3 and Eastern Plume are usable as reported based on the accuracy and precision review provided herein. Minor sample biases are identified and a detailed description of field/laboratory blank contamination (Section C.6), precision issues (Section C.3), and accuracy issues (Section C.4) are provided below.

C.1.1 Field Sampling Program Quality Control

Field sampling quality control was acceptable and conducted according to the Final QAPP (EA 2000). A field quality control duplicate sample was collected for each matrix (i.e., sediment and water) and analyzed for the same parameters as the environmental samples to determine field sampling precision. The potential for cross-contamination of volatile organics during sample storage and shipment was monitored by trip blanks which were shipped with each sample cooler containing aqueous samples. The trip blanks were analyzed for VOCs by EPA SW-846, Method 8260B. To document the effectiveness of decontamination protocols, rinsate blank samples were collected by running de-ionized water through non-dedicated sampling equipment into the appropriate sample containers and analyzing for the same parameters as the environmental samples. In addition, a source water blank was analyzed to assess the chemical quality of the water used in the decontamination process. The source water blank was also analyzed for the same parameters as the environmental samples. The quality assurance/quality control analytical data are summarized in Appendix Tables A-13 through A-15.

C.1.2 Laboratory Analytical Quality Control Program

The precision and accuracy objectives and reporting requirements identified in the Final LTMP were met. Ground-water, surface water, leachate station seep, and sediment samples collected at Sites 1 and 3 were analyzed for Target Compound List VOCs by EPA Method 8260B and Target Analyte List elements, including metals by inductively coupled plasma (EPA Method 6010A) and mercury by cold vapor atomic adsorption (EPA Method 7471A/7470M[2]). Arsenic, selenium, thallium, and chromium were analyzed by inductively coupled plasma (EPA Method 6010) rather than graphite furnace atomic adsorption (EPA 7000 series methods) as specified in Final LTMP (EA 2000). Ground-water, leachate station seep, and surface water samples collected at Eastern Plume were analyzed for Target Compound List VOCs by EPA Method 8260B. The precision and accuracy objectives and reporting requirements identified in the LTMP were met. The quality control measures specified in the SW-846 methodology (MS/MSD, SMC, LCS, and laboratory duplicates), as well as those in the QAPP (EA 2000), were used by the laboratory to establish proper analytical quality control. The range of results for the data quality objective parameters is discussed for each sample matrix in the sections below.

C.2 SAMPLE HOLDING TIMES

The holding times were met for all methods and sample matrixes; all data are usable as reported. Holding times (defined as from date of sample collection to date of sample preparation/analyses) were compared against the maximum holding times identified in the quality control requirements of the referenced analytical methods.

2. To use a microwave digestion versus water bath.

C.3 PRECISION

C.3.1 Volatile Organic Compounds

The surface water, monitoring wells, combined effluent, and diffusion sample results are usable as reported based on precision criteria. Five VOCs were used to qualify the MS/MSD RPD. The control limits identified in the QAPP were used to evaluate the data. MS/MSD sets were performed on samples MW-240, LT-1, and SEEP-1 from Sites 1 and 3; and MW-207A, MW-313, MW-105A, SW-10, DS-319 (shallow), DS-229A (deep), DS-224 (shallow), DS-311 (shallow), and Combined Effluent from Eastern Plume. There were no MS/MSD analyses for leachate seep sample designated for Eastern Plume and no surface water sample designated for Sites 1 and 3, therefore, leachate seep samples and surface waters were not evaluated for analytical precision at the sites mentioned previously.

The monitoring well sample MS/MSD RPDs (from Eastern Plume) met acceptance criteria with the exception of the following: bromoform (22 percent), 4-methyl-2-pentanone (35 percent), 2-hexanone (31 percent), and 2-chloroethylvinylether (200 percent) in sample MW-105; bromomethane (35 percent) in sample MW-207A; and acetone (76 percent), 2-hexanone (29 percent), and vinyl acetate (24 percent) in sample MW-313. The MS and MSD recoveries for bromoform, 2-hexanone, and bromomethane were within established control limits, therefore, usability of the data is not affected and no actions are required. The result for acetone in sample MW-303 should be considered estimated with a low bias. The non-detected result for 4-methyl-2-pentanone in samples MW-105A, MW-207A, MW-212, MW-224, MW-311, MW-331, MW-207A DUP, MW-224 DUP, P-106, P-111, MW-205, and MW-229A should be considered estimated with a low bias.

The combined effluent sample MS/MSD RPDs (from Eastern Plume) met acceptance criteria in the combined effluent sample with the exception of the following: 1,4-dichlorobenzene (37 percent), 1,1,1-trichloroethane (23 percent), bromoform (47 percent), bromodichloromethane (43 percent), benzene (43 percent), acetone (48 percent), 4-methyl-2-pentanone (47 percent), 2-hexanone (49 percent), carbon disulfide (50 percent), 2-butanone (50 percent), carbon tetrachloride (51 percent), 1,3-dichlorobenzene (36 percent), 1,2-dichloropropane (40 percent), 1,2-dichloroethane (38 percent), 1,2-dichlorobenzene (36 percent), 1,1-dichloroethene (53 percent), 1,1-dichloroethane (38 percent), 1,1,2-trichloroethane (40 percent), 1,1,2,2-tetrachloroethane (42 percent), 2-chloroethylvinylether (33 percent), styrene (110 percent), vinyl acetate (83 percent), trichlorofluoromethane (50 percent), trichloroethene (39 percent), *trans*-1,3-dichloropropene (100 percent), total xylenes (41 percent), total 1,2-dichloroethene (42 percent), toluene (43 percent), bromomethane (170 percent), tetrachloroethene (47 percent), vinyl chloride (50 percent), methylene chloride (36 percent), ethylbenzene (43 percent), dibromochloromethane (45 percent), *cis*-1,3-dichloropropene (180 percent), chloromethane (64 percent), chloroform (38 percent), chloroethane (48 percent), chlorobenzene (41 percent), and tetrahydrofuran (48 percent). The MS and MSD recoveries for vinyl chloride, chloroethane, methylene chloride, carbon disulfide, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, chloroform, 1,2-dichloroethane, carbon tetrachloride, bromodichloromethane, trichloroethane,

dibromochloromethane, benzene, bromoform, 4-methyl-2-pentanone, tetrachloroethene, toluene, chlorobenzene, ethylbenzene, total xylenes, 1,3-dichlorobenzene, and 1,4-dichlorobenzene were within established control limits, therefore, usability of the data is not affected and no actions are required. The results for 1,1,1-trichloroethane should be considered estimated in samples EW-1, EW-2, EW-2A, EW-4, EW-5, Eastern Plume influent, combined effluent, and combined effluent DUP. The non-detected results for chloromethane, bromomethane, acetone, 2-butanone, *cis*-1,3-dichloropropene, *trans*-1,3-dichloropropene, 2-hexanone, and styrene should be considered estimated in samples EW-1, EW-2, EW-2A, EW-4, EW-5, Eastern Plume influent, combined effluent, and combined effluent DUP. The data user should note that the positive results for methylene chloride in samples EW-2A, EW-4, EW-5, Eastern Plume influent, combined effluent, and combined effluent DUP should be considered false-positive due to method blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion).

The surface water sample MS/MSD RPDs (from Eastern Plume) met acceptance criteria with the exception of styrene (86 percent). The non-detected results for styrene in the surface water samples should be considered estimated.

The diffusion sample MS/MSD RPDs (from Eastern Plume) met acceptance criteria in sample DS-311 (shallow) with the exception of the following: acetone (24 percent), 2-butanone (22 percent), 1,1,2-trichloroethane (22 percent), 1,1,2,2-tetrachloroethane (29 percent), and vinyl acetate (26 percent). The MS and MSD recoveries for 2-butanone, 1,1,2-trichloroethane, 1,1,2,2-tetrachloroethane, and vinyl acetate were within established control limits, therefore, usability of the data is not affected and no actions are required. The non-detected results for acetone in samples DS-306 (deep), DS-306 (mid), DS-306 (shallow), DS-319 (deep), and DS-319 (shallow) should be considered estimated. The data user should note that the positive results for acetone in samples DS-229A (shallow), DS-229A DUP (shallow), DS-311 (deep), DS-311 (shallow), DS-311 DUP (mid), DS-311 (mid), DS-331 (deep), DS-331 (mid), DS-331 (shallow), DS-224 (mid), and DS-224 (deep) should be considered false-positive due to field blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion). The data user should note that the positive result for acetone in sample DS-319 (mid) should be considered false-positive due to method blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion). The data user should note that the positive results for 1,1,2-trichloroethane in samples DS-311 (deep), DS-311 (shallow), DS-311 DUP (mid), DS-311 (mid), DS-331 (deep), and DS-331 (mid) should be considered false-positive due to field blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion).

The monitoring well sample MS/MSD RPDs (from Sites 1 and 3) met acceptance criteria with the exception of carbon tetrachloride (22 percent), trichlorofluoromethane (26 percent), total 1,2-dichloroethene (23 percent), and chloroethane (22 percent) in sample MW-240. The MS and MSD recoveries for carbon tetrachloride, trichlorofluoromethane, total 1,2-dichloroethene, and chloroethane were within established control limits, therefore, usability of the data is not affected and no actions are required.

The leachate seep sample MS/MSD RPDs (from Sites 1 and 3) met acceptance criteria, therefore, the analytical precision was determined to be acceptable and the aqueous VOC data usable as reported based on the review of laboratory precision.

The leachate seep sediment MS/MSD RPDs (from Sites 1 and 3) met acceptance criteria with the exception of the following: chloromethane (50 percent), bromomethane (50 percent), vinyl chloride (64 percent), chloroethane (57 percent), carbon disulfide (63 percent), 1,1-dichloroethene (72 percent), 1,1-dichloroethane (32 percent), total 1,2-dichloroethene (43 percent), chloroform (33 percent), 1,1,1-trichloroethane (64 percent), carbon tetrachloride (88 percent), 1,2-dichloropropane (31 percent), *cis*-1,3-dichloropropene (34 percent), trichloroethene (55 percent), dibromochloromethane (37 percent), bromodichloromethane (47 percent), benzene (52 percent), tetrachloroethene (67 percent), toluene (52 percent), chlorobenzene (41 percent), ethylbenzene (70 percent), styrene (49 percent), total xylenes (68 percent), 1,2-dichlorobenzene (34 percent), 1,3-dichlorobenzene (46 percent), and 1,4-dichlorobenzene (35 percent). The positive and non-detect results in the leachate seep sediment samples should be considered estimated with a low bias for chloromethane, bromomethane, vinyl chloride, chloroethane, carbon disulfide, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloropropane, *cis*-1,3-dichloropropene, trichloroethene, dibromochloromethane, bromodichloromethane, benzene,-tetrachloroethene, toluene, chlorobenzene, ethylbenzene, styrene, total xylenes, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene.

C.3.2 Target Analyte List Metals

The aqueous and sediment laboratory duplicate precision measurements were within the laboratory control limits, therefore, the aqueous and sediment metals data are considered usable based on the review of analytical precision. All 23 analytes were used to quantify the laboratory duplicate RPD. There were no control limits identified in the QAPP for aqueous or sediment duplicate RPD for Target Analyte List metals, therefore, the laboratory control limits were used. The laboratory replicated the analyses of samples LT-1, MW-202A, and SEEP-1.

C.4 ACCURACY

C.4.1 Volatile Organic Compounds

The surface water, monitoring well, combined effluent, seep leachate, diffusion, and seep sediment results are usable as reported. Four SMCs were used to measure the ability of the laboratory to purge the target analytes from the environmental samples. The SMC control limits for the aqueous and sediment samples identified in the QAPP and reported by the laboratory were identical for all four SMC.

The aqueous sample system monitoring compound recoveries were within the QAPP control limits and, therefore, all sample results are usable as reported based on the accuracy review of SMC recoveries.

The sediment SMC recoveries were within the QAPP control limits with the exception of bromofluorobenzene in samples LT-3 (56 percent), LT-4 (40 percent), LT-9 (44 percent), LT-4 re-analysis (47 percent), LT-5 re-analysis (60 percent), and LT-9 re-analysis (59 percent). The laboratory appropriately repeated the analysis for these samples. The re-analysis results indicate similar results for the SMC. The original analysis results for samples LT-5 and LT-9 DUP and the re-analysis results for LT-3, LT-9, and LT-4 should be considered the most usable and, therefore, the data are included in the summary tables. The data user should be aware that the low recoveries of this SMC indicate low analytical bias due to sample matrix, however, the sample data should still be considered usable.

Five VOCs were used to quantify the MS/MSD recoveries against QAPP control limits. The recovery limits identified in the QAPP were the same as those reported by the laboratory. The data reviewer used the QAPP limits to evaluate the data. The samples chosen for MS/MSD are identified in Section C.3.1.

The monitoring well sample MS/MSD recoveries (from Sites 1 and 3) were within the established control limits, with the exception of 4-methyl-2-pentanone (22 percent) which was reported below the lower control limit for sample MW-240. This result suggest a potential low bias for this compound, however, since this compound was not detected in the monitoring well samples for Sites 1 and 3, the data are usable as reported.

The leachate seep sample MS/MSD recoveries (from Sites 1 and 3) were within the established control limits, with the exception of acetone (46 and 42 percent) which was reported below the lower control limit for Sample SEEP-1. This result suggest a potential low bias for this compound, however, since this compound was not detected in the leachate seep samples for Sites 1 and 3, the data are usable as reported.

The leachate seep sediment MS/MSD recoveries (from Sites 1 and 3) met acceptance criteria in sample LT-1 with the exception of the following: chloromethane (38 percent), bromomethane (27 and 45 percent), vinyl chloride (30 and 59 percent), chloroethane (33 percent), carbon disulfide (27 and 52 percent), 1,1-dichloroethene (25 and 52 percent), 1,1-dichloroethane (42 percent), total 1,2-dichloroethene (38 and 59 percent), chloroform (46 percent), 1,1,1-trichloroethane (25 and 48 percent), carbon tetrachloride (14 and 36 percent), 1,2-dichloropropane (49 percent), *cis*-1,3-dichloropropene (21 and 30 percent), trichloroethene (31 and 55 percent), dibromochloromethane (19 and 27 percent), bromodichloromethane (19 and 30 percent), benzene (40 percent), tetrachloroethene (34 percent), toluene (35 percent), chlorobenzene (43 percent), ethylbenzene (26 and 54 percent), styrene (28 and 46 percent), total xylenes (26 and 54 percent), 1,2-dichlorobenzene (39 and 56 percent), 1,3-dichlorobenzene (35 and 55 percent), bromoform (17 and 21 percent), acetone (33 and 24 percent), 2-hexanone (57 percent), 2-butanone (34 and 34 percent), *trans*-1,3-dichloropropene (24 and 31 percent), methylene chloride (46 and 57 percent), and 1,4-dichlorobenzene (39 and 55 percent). The results for methylene chloride, acetone, 2-butanone, *trans*-1,3-dichloropropene, bromoform, and 2-hexanone suggest a potential low bias for these compounds, however, since these compounds were not detected in the leachate seep sediment samples for Sites 1 and 3, the data are usable as

reported. The data user should note that the non-detect results for chloromethane, bromomethane, vinyl chloride, chloroethane, carbon disulfide, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloropropane, *cis*-1,3-dichloropropene, trichloroethene, dibromochloromethane, bromodichloromethane, benzene, tetrachloroethene, toluene, chlorobenzene, ethylbenzene, styrene, total xylenes, 1,2-dichlorobenzene, and 1,3-dichlorobenzene were qualified as estimated based on both MS/MSD RPDs and MS/MSD recoveries (see Section C.3.1).

The diffusion sample MS/MSD recoveries (from Eastern Plume) met acceptance criteria with the exception of the following: 1,1,1-trichloroethane (48 percent), acetone (58 percent), and 4-methyl-2-pentanone (148 percent) in sample DS-229A (deep); acetone (54 and 56 percent) and bromomethane (143 and 165 percent) in sample DS-224 (shallow); acetone (54 percent) and tetrachloroethene (22 and 32 percent) in sample DS-319 (shallow); and bromomethane (171 and 164 percent), trichloroethene (41 and 52 percent), and tetrachloroethene (59 and 58 percent) in Sample DS-311 (shallow). The results for 1,1,1-trichloroethane, tetrachloroethene, and trichloroethene suggest a potential low bias for these compounds, however, since these compounds were not detected in the diffusion samples for Eastern Plume, the data are usable as reported. The results for 4-methyl-2-pentanone and bromomethane suggest a potential high bias for these compounds, however, since these compounds were not detected in the diffusion samples for Eastern Plume, the data are usable as reported. The data user should note that the non-detected results for acetone in samples DS-306 (deep), DS-306 (mid), DS-306 (shallow), DS-319 (deep), and DS-319 (shallow) should be considered estimated based on both MS/MSD RPDs and MS/MSD recoveries (see Section C.3.1). The data user should note that the positive results for acetone in samples DS-322 (deep), DS-332 (mid), DS-332 (shallow), DS-229A DUP (deep), DS-229A DUP (mid), DS-105A (deep), DS-105A (mid), DS-105A (shallow), DS-212 (deep), DS-212 (mid), DS-212 (shallow), DS-229A (mid), DS-229A DUP (shallow), DS-229A (shallow), DS-311 (deep), DS-311 (shallow), DS-311 DUP (mid), DS-311 (mid), DS-331 (deep), DS-331 (mid), DS-331 (shallow), DS-224 (mid), DS-224 (deep) should be considered false-positive due to field blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion). The data user should note that the positive result for acetone in sample DS-319 (mid) should be considered false-positive due to method blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion).

The surface water sample MS/MSD recoveries (from Eastern Plume) met acceptance criteria with the exception of acetone (57 and 50 percent), styrene (41 percent), and vinyl chloride (59 percent) in sample SW-10. The result for vinyl chloride suggests a potential low bias for this compound, however, since this compound was not detected in the surface water samples for Eastern Plume, the data are usable as reported. The data user should note that the positive result for acetone in samples SW-12, SW-13, and SW-14 should be considered false-positive due to trip blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion). The data user should note that the non-detect results for styrene are considered an estimated value based on both MS/MSD RPDs and MS/MSD recoveries (see Section C.3.1).

The combined effluent sample MS/MSD recoveries (from Eastern Plume) met acceptance criteria in the combined effluent sample with the exception of the following: 1,1,1-trichloroethane (5.8 percent), acetone (56 and 33 percent), 2-hexanone (58 percent), 2-butanone (56 percent), styrene (54 and 16 percent), *trans*-1,3-dichloropropene (31 percent), bromomethane (44 and 3.3 percent), *cis*-1,3-dichloropropene (56 and 3.1 percent), and chloromethane (51 percent). The data user should note that the non-detect results for acetone, 2-hexanone, 2-butanone, styrene, *trans*-1,3-dichloropropene, bromomethane, *cis*-1,3-dichloropropene, and chloromethane were qualified as estimated based on both MS/MSD RPDs and MS/MSD recoveries (see Section C.3.1). The data user should note that the result for 1,1,1-trichloroethane is considered an estimated value based on both MS/MSD RPDs and MS/MSD recoveries (see Section C.3.1).

The monitoring well sample MS/MSD recoveries (from Eastern Plume) met acceptance criteria with the exception of acetone (14 and 31 percent) and 2-butanone (55 percent) in sample MW-313; acetone (54 and 44 percent) in sample MW-105; and chloroethane (57 percent), ethylbenzene (50 percent), vinyl chloride (42 and 51 percent), tetrachloroethene (36 and 43 percent), 1,1,1-trichloroethane (50 and 58 percent), 4-methyl-2-pentanone (153 and 141 percent), carbon disulfide (51 and 56 percent), 1,1-dichloroethene (46 and 51 percent), trichloroethene (40 and 46 percent), and total xylenes (58 percent) in sample MW-207A. The results for chloroethane, ethylbenzene, vinyl chloride, tetrachloroethene, 1,1,1-trichloroethane, carbon disulfide, 1,1-dichloroethene, trichloroethene, acetone, 2-butanone, and total xylenes suggest a potential low bias for these compounds; however, since these compounds were not detected in the monitoring well samples for Eastern Plume, the data are usable as reported. The data user should note that the non-detect result for 4-methyl-2-pentanone is considered an estimated value based on both MS/MSD RPDs and MS/MSD recoveries (see Section C.3.1).

The aqueous and sediment VOC data are usable as reported based on the review of LCS accuracy. Five VOCs are used to quantify LCS recoveries against laboratory established control limits. The aqueous and sediment LCS recovery limits are stated in the QAPP. The LCS recoveries are within both the QAPP and laboratory established control limits, confirming the laboratory's purging efficiency for both aqueous and solid matrices with the following exceptions: 1,1,2,2-tetrachloroethane (148 percent), 2-butanone (154 percent), 2-hexanone (142 percent), 4-methyl-2-pentanone (168 percent), acetone (53 percent), bromomethane (186, 207, 199, 202, and 183 percent), chloromethane (147 percent), tetrachloroethene (160 percent), *trans*-1,3-dichloropropene (152, 146, and 146 percent), acetone (54, 59, and 51 percent), bromomethane (198 and 183 percent) in the diffusion samples for Eastern Plume; 2-hexanone (152 percent), 4-methyl-2-pentanone (175 and 168 percent), acetone (59, 36, 56, and 54 percent), bromomethane (186, 199, 202, 198, and 202 percent), carbon disulfide (173 percent), *trans*-1,3-dichloropropene (142 and 152 percent), 1,1,2,2-tetrachloroethane (148 percent), 2-butanone (154 percent), 2-hexanone (142 percent), and chloromethane (147 percent) in the monitoring well samples for Eastern Plume; acetone (42 and 36 percent for the extraction wells for Eastern Plume; acetone (50 and 55 percent) in the surface water samples for Eastern Plume; 1,1,2-trichloroethane (145 percent), acetone (56 percent), bromoform (167 percent), *cis*-1,3-dichloropropene (140 percent), and dibromochloromethane (142 percent) in the leachate seep sediment samples for Sites 1 and 3; acetone (44, 56, and 1.3 percent) in the monitoring

wells for Sites 1 and 3; and acetone (44, 42, 50, and 50 percent) in leachate seep samples for Sites 1 and 3. The results for 1,1,2,2-tetrachloroethane, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, bromomethane, chloromethane, *trans*-1,3-dichloropropene, carbon disulfide, *cis*-1,3-dichloropropene, and dibromochloromethane suggest a potential high bias for these compounds; however, since these compounds were not detected in the samples for both Eastern Plume and Sites 1 and 3, the data are usable as reported.

The results for tetrachloroethene in samples DS-229A (shallow), DS-311 (shallow), DS-331 (mid), DS-331 (shallow), DS-224 (mid), and DS-224 (deep) should be considered estimated. The data user should note that the positive result for acetone in samples SW-12, SW-13, and SW-14 should be considered false-positive due to trip blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion).

The data user should note that the positive results for acetone in samples DS-322 (deep), DS-332 (mid), DS-332 (shallow), DS-229A DUP (deep), DS-229A DUP (mid), DS-105A (deep), DS-105A (mid), DS-105A (shallow), DS-212 (deep), DS-212 (mid), DS-212 (shallow), DS-229A (mid), DS-229A DUP (shallow), DS-229A (shallow), DS-311 (deep), DS-311 (shallow), DS-311 DUP (mid), DS-311 (mid), DS-331 (deep), DS-331 (mid), DS-331 (shallow), DS-224 (mid), and DS-224 (deep) should be considered false-positive due to field blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion). The data user should note that the positive result for acetone in Sample DS-319 (mid) should be considered false-positive due to method blank contamination and, therefore, the accuracy criteria would not apply (see Section C.6 for discussion).

The non-detect results for acetone in the following samples should be considered estimated: MW-313, MW-318, MW-332, MW-333, MW-334, MW-311 DUP, P-106 DUP, MW-207A, MW-224, MW-311, MW-331, MW-207A DUP, MW-224 DUP, P-106, MW-205, MW-230A, MW-231B, DS-205 (deep), DS-205 (mid), DS-205 (shallow), DS-224 (shallow), DS-229A (deep), SW-11, QS-002, SW-09, SW-10 DUP, SW-8, SW-10, QS-001, SEEP-1, SEEP-3, SEEP-4, SEEP-5, SEEP-9, SEEP-9 DUP, SW-4, SW-7, MW-202A, MW-203, MW-204, MW-2101, MW-217B, MW-218, MW-219, MW-240, and MW-219 DUP. The data user should note that the non-detect results for acetone in samples DS-306 (deep), DS-306 (mid), DS-306 (shallow), DS-319 (deep), DS-319 (shallow), EW-1, EW-2, EW-2A, EW-4, EW-5, combined effluent, Eastern Plume influent, and combined effluent DUP were qualified based on both MS/MSD RPDs and MS/MSD recoveries (see Section C.3.1).

C.4.2 Target Analyte List Metals

All metals are usable as reported based on accuracy criteria. Nineteen Target Analyte List analytes were used to quantify MS/MSD recoveries for aqueous and sediment samples. Calcium, magnesium, potassium, and sodium were not required as spiking compounds due to the potential for these compounds to be present in the environmental samples at high concentrations. The MS samples were analyzed at the correct frequency, and the accuracy control limits used to evaluate the data were taken from the QAPP.

The laboratory performed an MS/MSD on those samples identified in Section C.3.2. The aqueous MS/MSD recoveries were within the established control limits of 75-125 percent, with the exception of mercury (65 and 67 percent). The non-detect result for mercury in sample SEEP-3 should be considered estimated bias low. The analytical result for mercury in samples SEEP-1, SEEP-4, SEEP-5, SEEP-9, and SEEP-9 DUP should be considered estimated bias low.

The laboratory performed an MS/MSD on those samples identified in Section C.3.2. The sediment MS/MSD recoveries were within the established control limits of 75-125 percent, therefore, all data are usable as reported based on the review of MS/MSD accuracy.

All 23 Target Analyte List analytes were used to quantify the LCS recoveries against laboratory established control limits. LCS recovery limits were stated in the QAPP. The aqueous LCS recoveries for Sites 1 and 3 and Eastern Plume samples were within laboratory established control limits, confirming the laboratory's ability to perform sample digestion/distillation. The aqueous and sediment results should be considered usable based on the review of the LCS accuracy.

C.5 COMPLETENESS

Field sampling completeness was quantified by comparing the number of samples analyzed to the number of samples scheduled for collection. At Sites 1 and 3, 26 of 26 samples were collected for a field completeness of 100 percent. At Eastern Plume, 80 of 80 samples were collected for a field completeness of 100 percent.

The field quality control blanks (e.g., trip blanks) were collected at the proper frequency. A total of 3 trip blanks were collected for Sites 1 and 3 and Eastern Plume. There were 3 rinsate blanks associated with Sites 1 and 3 and Eastern Plume. The rinsate blanks collected for Sites 1 and 3 and Eastern Plume included 1 rinsate blank associated with the sediment samples, 1 rinsate blank associated with the diffusion samples, and 1 rinsate blank associated with the surface water/seep samples. There was a field blank collected for the diffusion samples. The 3 rinsate samples, 1 field blank, and 1 source water blank for Sites 1 and 3 and Eastern Plume were submitted in compliance with the QAPP.

Analytical completeness was quantitated by reviewing the number of acceptable analytical results to the total number of analytical results. Usable analytical data for Sites 1 and 3 and Eastern Plume were available for all analytes/compounds, therefore, there is a total analytical completeness of 100 percent.

C.6 FIELD QUALITY CONTROL BLANKS

Monitoring well, surface water, seep, and field blank samples contain results that are false-positive based on both field and method blank criteria. Field quality control blanks (rinsate blanks) were evaluated for contamination that may have been introduced during field sampling activities. Trip blanks are indicators for contamination of VOCs during sample shipment. In

cases where contamination exists, environmental samples should be reviewed for possible false-positives. The field quality control blanks collected for Sites 1 and 3 and Eastern Plume included 3 trip blanks, 3 rinsate blanks, 1 field blank, and 1 source water blank.

C.6.1 Laboratory Method Blanks

Method blanks were reviewed and the following VOCs were present in the method blanks: methylene chloride and acetone.

The positive methylene chloride results for 68 samples should be considered false-positives due to method blank contamination (DS-229A DUP [shallow], DS-229A [shallow], DS-311 [deep], DS-311 [shallow], DS-311 DUP [mid], DS-311 [mid], DS-331 [deep], DS-331[mid], DS-331[shallow], SW-12, SW-13, SW-14, QT-001 [4/13], QT-002, QT-001 [4/19], DS-306 [deep], DS-319 [shallow], DS-105A [deep], DS-105A [mid], DS-105A [shallow], DS-205 [deep], DS-205 [mid], DS-205 [shallow], DS-212 [mid], DS-212 [shallow], DS-224 [shallow], DS-229A [deep], DS-299A [mid], DS-332 [deep], DS-332 [mid], DS-332 [shallow], DS field blank, DS 229A DUP [deep], DS-229A DUP [mid], EW-2A, EW-4, EW-5, combined effluent, Eastern Plume influent, combined effluent DUP, MW-225A, MW-230A, MW-231A, MW-231B, MW303, MW-305, MW-306, MW-308, MW-309B, MW-313, MW-332, MW-333, MW-334, MW-311 DUP, P-106 DUP, MW-105A, MW-207A, MW-224, MW-311, MW-331, MW-207A DUP, MW-224 DUP, P-106, P-111, MW-205, MW-229A, QS-001, and SEEP-4).

C.6.2 Trip Blanks

Trip blanks associated with Sites 1 and 3 and Eastern Plume were analyzed for VOCs. The results of the 3 trip blanks are shown in the following table:

Compounds	Units	TRIP-1	TRIP-2	TRIP-3
Acetone	µg/L	3J	(<5U)	3JB
Methylene chloride	µg/L	1B	1B	1B

NOTE: B = Compound detected in associated method blank.
J = Estimated concentration below detection limit.

The positive methylene chloride results for 68 samples were previously noted as false-positives due to method blank contamination (see above for more details) (DS-229A DUP [shallow], DS-229A [shallow], DS-311 [deep], DS-311 [shallow], DS-311 DUP [mid], DS-311 [mid], DS-331 [deep], DS-331 [mid], DS-331 [shallow], SW-12, SW-13, SW-14, QT-001 [4/13], QT-002, QT-001 [4/19], DS-306 [deep], DS-319 [shallow], DS-105A [deep], DS-105A [mid], DS-105A [shallow], DS-205 [deep], DS-205 [mid], DS-205 [shallow], DS-212 [mid], DS-212 [shallow], DS-224 [shallow], DS-229A [deep], DS-299A [mid], DS-332 [deep], DS-332 [mid], DS-332 [shallow], DS field blank, DS-229A DUP [deep], DS-229A DUP [mid], EW-2A, EW-4, EW-5, combined effluent, Eastern Plume influent, combined effluent DUP, MW-225A, MW-230A, MW-231A, MW-231B, MW-303, MW-305, MW-306, MW-308, MW-309B, MW-313, MW-332, MW-333, MW-334, MW-311 DUP, P-106 DUP, MW-105A, MW-207A, MW-224, MW-311, MW-331, MW-207A DUP, MW-224 DUP, P-106, P-111, MW-205, MW-229A,

QS-001, and SEEP-4). The methylene chloride concentrations in 3 samples (SW-12, SW-13, and SW-14) should be considered false-positives due to trip blank contamination. All non-detected acetone data are unaffected.

C.6.3 Rinsate Blanks

The equipment rinsate blanks associated with sediment and surface water samples collected at Sites 1 and 3 and Eastern Plume were analyzed for VOCs and Target Analyte List metals.

The positive results of the 2 rinsate blanks (QS-1 [dedicated jar rinsate] and QS-2 [equipment rinsate]) and the associated source water blank (QD-1) associated with Sites 1 and 3 samples are shown in the table below:

Compounds/Analytes	Units	QS-1	QS-2	QD-1
Acetone	µg/L	(<5U)	(<5U)	(<5U)
Methylene chloride	µg/L	0.7JB	(<1U)	(<1U)
Aluminum	µg/L	21.9B*	30.4	(<16.44U)
Beryllium	µg/L	0.18B*	0.17B*	0.18B*
Calcium	µg/L	46.9B*	57.7	24.7B*
Cobalt	µg/L	(<1.52U)	1.7B*	(<1.52U)
Lead	µg/L	(<1.48U)	(<1.48U)	1.8B*
Manganese	µg/L	2.2B*	0.55B*	0.35B*
Mercury	µg/L	0.03B*	0.06B*	0.03B*
Potassium	µg/L	416B*	(<338.02U)	342B*
Sodium	µg/L	77.9B*	69.3B*	24.9B*
Zinc	µg/L	1.5B*	1.1B*	(<0.32U)

NOTE: U = Not detected. Sample quantitation limits are shown as (<___U).
B = Compound detected in associated method blank.
B* = Analyte concentration is between the IDL and the CRDL.
J = Estimated concentration below detection limit.

The analytical results of the equipment rinsate blanks and source water blank indicate that there was minor metals contamination present. See method blank discussions for actions taken for methylene chloride contamination. Calcium, manganese, and cobalt in the samples far exceed the associated source water blank and rinsate blank contamination or the results were non-detected, therefore, samples were unaffected by calcium, manganese, potassium, and sodium contamination.

Aluminum was identified in the rinsate blank. Nine samples (SEEP-1, SEEP-4, SEEP-9, SEEP-9 DUP, SW-4, SW-4 DUP, SW-7, SW-8, and SW-9) had positive concentrations of aluminum within the expected range of variability of the rinsate blank contamination and should, therefore, be considered as false-positives due to rinsate blank contamination.

Beryllium was identified in both the rinsate blank and the source water blank. Thirteen samples (SEEP-5, SEEP-9, SEEP-9 DUP, SW-4, SW-4 DUP, SW-7, SW-8, SW-9, LT-1, LT-3, LT-4, LT-9, and LT-9 DUP) had positive concentrations of beryllium within the expected range of

variability of the source blank contamination and should, therefore, be considered as false-positives due to source blank contamination.

Lead was identified in both the rinsate blank and the source water blank. Three samples (SW-8, LT-1, and LT-3) had positive concentrations of lead within the expected range of variability of the source blank contamination and should, therefore, be considered as false-positives due to source blank contamination.

Mercury was identified in both the rinsate blank and the source water blank. Twelve samples (SEEP-4, SEEP-5, SEEP-9, SEEP-9 DUP, SW-4, SW-4 DUP, SW-7, SW-8, LT-3, LT-9, LT-9 DUP, and SW-9) had positive concentrations of mercury within the expected range of variability of the rinsate blank contamination and should, therefore, be considered as false-positives due to rinsate blank contamination.

Potassium was identified in the source water blank. Six samples (LT-1, LT-3, LT-4, LT-5, LT-9 and LT-9 DUP) had positive concentrations of potassium within the expected range of variability of the source water blank contamination and should, therefore, be considered as false-positives due to source water blank contamination.

Sodium was identified in both the rinsate blank and the source water blank. One sample (LT-3) had a positive concentration of sodium within the expected range of variability of the rinsate blank contamination and should, therefore, be considered as false-positive due to rinsate blank contamination.

Zinc was identified in the rinsate blank. Seven samples (SEEP-4, SEEP-9, SEEP-9 DUP, SW-4, SW-7, SW-8, and SW-9) had positive concentrations of zinc within the expected range of variability of the rinsate blank contamination and should, therefore, be considered as false-positives due to rinsate blank contamination.

The results of the 1 rinsate blank (QS-1 [dedicated jar rinsate]) and the associated source water blank (QD-1) associated with Eastern Plume samples were contaminant-free for VOCs. All data are usable as reported.

C.6.4 Field Blanks

The results of the field blank and associated source water blank (QD-1) associated with the diffusion sample taken at Eastern Plume are shown in the table below:

Compounds/Analytes	Units	FB-1	QD-1
Acetone	µg/L	6	(<5U)
Methylene chloride	µg/L	0.5JB	(<1U)
Benzene	µg/L	4	(<1U)

NOTE: U = Not detected. Sample quantitation limits are shown as (<___U).
J = Estimated concentration below detection limit.
B = Compound detected in associated method blank.

The analytical results of the field blank and source water blank indicate that there was minor VOC contamination present. See method blank discussions for actions taken for methylene chloride contamination. The positive results for acetone in 23 samples (DS-322 [deep], DS-332 [mid], DS-332 [shallow], DS-229A DUP [deep], DS-229A DUP [mid], DS-105A [deep], DS-105A [mid], DS-105A [shallow], DS-212 [deep], DS-212 [mid], DS-212 [shallow], DS-229A [mid], DS-229A DUP [shallow], DS-229A [shallow], DS-311 [deep], DS-311 [shallow], DS-311 DUP [mid], DS-311 [mid], DS-331 [deep], DS-331 [mid], DS-331 [shallow], DS-224 [mid], DS-224 [deep]) should be considered false-positive due to field blank contamination.

The positive results for benzene in 15 samples (DS-105A [mid], DS-105A [shallow], DS-205 [deep], DS-205 [mid], DS-205 [shallow], DS-212 [shallow], DS-229A DUP [shallow], DS-229A [shallow], DS-311 [deep], DS-311 [shallow], DS-311 DUP [mid], DS-311 [mid], DS-331 [deep], DS-331 [mid], and DS-331 [shallow]) should be considered false-positives due to field blank contamination.

C.7 DUPLICATE FIELD SAMPLES

Results for some analytes and compounds in the field duplicates for monitoring well, aqueous seep, and leachate sediment samples are estimated due to field duplicate criteria. Field duplicate samples are used to evaluate the overall precision for both the field and laboratory, and the homogeneity of the sample matrix. Typically, these results have more variability than laboratory precision measurements with the extremes being noted in soil matrices. Based on EPA Region I criteria for evaluating field duplicates, the following guidelines were used to review the field duplicates taken during the sampling event. The overall precision of organic compounds was evaluated as the RPD (non-detects were defined as one-half the reporting limit) and considered acceptable at an RPD of less than 30 percent for water samples and 50 percent for soil samples. Overall precision for inorganic analytes was evaluated by reviewing the difference of the field duplicate for analytes with concentrations less than 5 times the reporting limit (the difference cannot be greater than ±2 times the reporting limit for water samples or cannot be greater than ±4 times reporting limit for soil samples), and by the RPD (less than 30 percent for water samples and 50 percent for soil samples) for the analytes greater than 5 times the reporting limit. Non-detects were defined as one-half the reporting limit for difference measurements. The reporting limits used to evaluate the data are based on those presented in the QAPP.

The sample locations of the field duplicate samples were not identified to the laboratory. A total of 14 samples were duplicated for Sites 1 and 3 and Eastern Plume (collected during the ground-water, surface water, sediment, seep, diffusion, and treatment plant sampling programs). Each SDG had the appropriate number of duplicate field samples collected. The RPD results from the 5 field duplicate ground-water samples, 2 field duplicate surface water sample, 1 field duplicate leachate seep sample, 1 field duplicate leachate sediment sample, 4 field duplicate diffusion sample, and 1 field duplicate effluent sample are shown in the tables below.

The following table shows the field duplicate results from the surface water samples associated with SDG S1SP001:

Compounds/Analytes	Units	SW-4	SW-4 DUP	RPD%	Difference
Aluminum	µg/L	91.6B*	96.4B*	NA	1.8
Barium	µg/L	18.6	18.3	NA	0.3
Beryllium	µg/L	0.13B*	0.20B*	NA	0.07
Calcium	µg/L	8,960	8,980	0.2	NR
Chromium	µg/L	0.76B*	0.78B*	NA	0.02
Iron	µg/L	591	598	1	NR
Magnesium	µg/L	1780	1,770	0.6	NR
Manganese	µg/L	155	154	0.6	NR
Mercury	µg/L	0.03B*	0.03B*	NA	0
Potassium	µg/L	2,000	1,910	NA	90
Sodium	µg/L	16,400	16,400	0	NR
Vanadium	µg/L	1.4B*	1.1B*	NA	0.3
Zinc	µg/L	5.4B*	12.1B*	NA	6.7

NOTE: B* = Analyte concentration is between the IDL and the CRDL.
NA = Not applicable; analyte concentration was less than 5 times the reporting limit.
NR = Not required; analyte concentration was greater than 5 times the reporting limit and, therefore, the RPD was applied.

All precision requirements were met for the field duplicate analyses; the results are usable as reported.

The field duplicate sample results for the surface water samples associated with SDG EPSW10 (SW-10 and SW-10 DUP) had no VOCs detected and, therefore, met all precision requirements. The analytical results for SW-10 are usable as reported based on review of the field duplicate precision.

The following table shows the field duplicate sample results associated with the monitoring well samples at Sites 1 and 3.

The following table shows the field duplicate sample results associated with SDG S1MW202A:

Compounds/Analytes	Units	MW-219	MW-219 DUP	RPD%	Difference
1,4-Dichlorobenzene	µg/L	(<1U)	1	**67**	---
Aluminum	µg/L	20.9B*	198	NA	177.1
Arsenic	µg/L	(<1.98U)	74.6	NA	**73.65**
Barium	µg/L	3.8B*	5.0	NA	1.2
Calcium	µg/L	12,100	11,000	9	NR
Chromium	µg/L	(<4.02U)	7.4B*	NA	5.39
Iron	µg/L	34.4B*	1,360	NA	**1,325.6**
Magnesium	µg/L	4,160	7,180	**53**	NR
Manganese	µg/L	(<1.34U)	320	NA	**319.3**
Mercury	µg/L	0.02B*	0.03B*	NA	0.01
Potassium	µg/L	1,420	9,270	NA	**7,850**
Selenium	µg/L	3.2B*	(<2.98U)	NA	1.71
Sodium	µg/L	7,850	28,200	**113**	NR
Zinc	µg/L	2.2B*	(<1.55U)	NA	1.43

NOTE:
NR = Not required; analyte concentration was greater than 5 times the reporting limit and, therefore, the RPD was applied.
B* = Analyte concentration is between the IDL and the CRDL.
NA = Not applicable; analyte concentration was less than 5 times the reporting limit.
U = Not detected. Sample quantitation limits are shown as (<__U).
Results in bold indicate an exceedance of the precision requirements.
Dashes (---) indicate this column does not apply to organic analysis.

All precision requirements were met for the field duplicate analyses with the exception of 1,4-dichlorobenzene, arsenic, iron, magnesium, potassium, and sodium. The results for 1,4-dichlorobenzene were reported at or below the CRQL in the duplicate sample (MW-219 DUP), where analytical measurement error is anticipated, and were not detected in the sample. Therefore, these RPD discrepancies are not considered significant and the organic data are usable as reported. The results for arsenic, iron, magnesium, manganese, and potassium should be considered estimations of their true concentrations in Sample MW-219 due to the lack of precision between field sample duplicates.

The following table shows the field duplicate sample results associated with the aqueous seep samples at Sites 1 and 3.

The following table shows the results of the aqueous seep sample field duplicate associated with SDG S1SP001:

Compounds/Analytes	Units	SEEP-09	SEEP-09 DUP	RPD%	Difference
Chloroethane	µg/L	7	3	**80**	---
1,1-Dichloroethane	µg/L	1	1	0	---
Chlorobenzene	µg/L	2	2	0	---
1,2-Dichlorobenzene	µg/L	9	8	12	---
1,4-Dichlorobenzene	µg/L	3	3	0	---
Aluminum	µg/L	52.9B*	80.5B*	NA	27.6
Arsenic	µg/L	5.0B*	8.6	NA	3.6
Barium	µg/L	27.0	27.4	1	NR
Beryllium	µg/L	0.15B*	0.14B*	NA	0.01
Calcium	µg/L	42,200	42,500	0.7	NR
Chromium	µg/L	(<0.74U)	0.88B*	NA	0.51
Cobalt	µg/L	1.2B*	1.2B*	NA	0
Iron	µg/L	12,800	16,100	23	NR
Magnesium	µg/L	10,500	10,400	1	NR
Manganese	µg/L	1,520	1,540	1	NR
Mercury	µg/L	0.03B*	0.02B*	NA	0.01
Potassium	µg/L	6,100	5,800	5	NR
Sodium	µg/L	21,900	2,150	**164**	NR
Vanadium	µg/L	(<0.94U)	1.2B*	NA	0.73
Zinc	µg/L	1.2B*	4.0B*	NA	2.8

NOTE:
B* = Analyte concentration is between the IDL and the CRDL.
NA = Not applicable; analyte concentration was less than 5 times the reporting limit.
NR = Not required; analyte concentration was greater than 5 times the reporting limit and, therefore, the RPD was applied.
U = Not detected. Sample quantitation limits are shown as (<__U).
Results in bold indicate an exceedance of the precision requirements.
Dashes (---) indicate this column does not apply to organic analysis.

All precision requirements were met for the field duplicate analyses with the exception of chloroethane and sodium. The results for chloroethane and sodium should be considered estimations of their true concentrations in Sample SEEP-9 due to the lack of precision between field sample duplicates.

The following table shows the results of the leachate sediment sample field duplicate associated with SDG S1LTSD1:

Compounds/Analytes	Units	LT-9	LT-9 DUP	RPD%	Difference
Methylene chloride	µg/kg	29B	48B	49	---
Acetone	µg/kg	73	83B	13	---
1,1-dichloroethane	µg/kg	13	14	7	---
2-Butanone	µg/kg	29	32	10	---
Chlorobenzene	µg/kg	55	55	0	---
1,2-Dichlorobenzene	µg/kg	480	510	6	---
1,4-Dichlorobenzene	µg/kg	140	150	7	---
chloroethane	µg/kg	(<7U)	14	**120**	---
Aluminum	mg/kg	8560	7,350	15	NR
Arsenic	mg/kg	229	354	43	NR
Barium	mg/kg	79.0	74.9	5	NR
Beryllium	mg/kg	0.60B*	0.57B	NA	0.03
Calcium	mg/kg	12,300	11,500	7	NR
Chromium	mg/kg	14.4	12.9	NA	1.5
Cobalt	mg/kg	81.7	34.1	NA	47.6
Copper	mg/kg	17.0B*	14.9B*	NA	2.1
Iron	mg/kg	278,000	304,000	9	NR
Lead	mg/kg	33.2	27.1	20	NR
Magnesium	mg/kg	2,230	1,980	12	NR
Manganese	mg/kg	7,270	6,400	13	NR
Mercury	mg/kg	0.15	0.14	NA	0.01
Nickel	mg/kg	14.6	10.8B*	NA	3.8
Potassium	mg/kg	1,180	1,140	NA	40
Silver	mg/kg	1.2B*	1.0B*	NA	0.2
Sodium	mg/kg	222	252	NA	30
Thallium	mg/kg	10.0B*	(<9.58U)	NA	5.21
Vanadium	mg/kg	13.5	7.5	NA	6
Zinc	mg/kg	80.6	67.5	NA	13.1

NOTE: B = Compound detected in associated method blank.
U = Not detected. Sample quantitation limits are shown as (<__U).
NR = Not required; analyte concentration was greater than 5 times the CRDL and, therefore, the RPD was applied.
NA = Not applicable; analyte concentration was less than 5 times the CRDL.
B* = Analyte concentration is between the IDL and the CRDL.
Results in bold indicate an exceedance of the precision requirements.
Dashes (---) indicate this column does not apply to organic analysis.

All precision requirements were met for the field duplicate analyses with the exception of chloroethane. The results for chloroethane were reported at or below the CRQL in the duplicate sample (LT-9 DUP), where analytical measurement error is anticipated, and were not detected in the sample. Therefore, these RPD discrepancies are not considered significant and the organic data are usable as reported. The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

The following tables show the field duplicate sample results associated with the Eastern Plume monitoring well samples.

The following table shows the first set of field duplicate sample results associated with the samples from SDG EPMW313:

Compounds	Units	MW-311	MW-311 DUP	RPD%
Methylene chloride	µg/L	2B	2B	0
1,1-Dichloroethene	µg/L	66	70	6
1,2-Dichloroethane	µg/L	19	22	15
Total 1,2-Dichloroethene	µg/L	7	9	25
1,2-Dichloroethane	µg/L	2	2	0
1,1,1-Trichloroethane	µg/L	420D	420D	0
Trichloroethene	µg/L	210D	210D	0
1,1,2-Trichloroethane	µg/L	0.8J	0.7J	13
Tetrachloroethene	µg/L	20	15	29

NOTE: B = Compound detected in associated method blank.
D = Analysis at a secondary dilution factor.
J = Estimated concentration below detection limit.

All precision requirements were met for the field duplicate analyses; the results are usable as reported. The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

The following table shows the second set of field duplicate sample results associated with the samples from SDG EPMW313:

Compounds	Units	P-106	P-106 DUP	RPD%
Methylene chloride	µg/L	0.6BJ	0.5JB	18
1,1-Dichloroethene	µg/L	440D	260D	**51**
1,1-Dichloroethane	µg/L	40	48	18
Total 1,2-Dichloroethene	µg/L	12	16	29
Chloroform	µg/L	0.8J	1	22
1,2-Dichloroethane	µg/L	3	3	0
1,1,1-Trichloroethane	µg/L	3,800D	3,100D	20
Carbon tetrachloride	µg/L	1	(<1U)	**67**
Trichloroethene	µg/L	1,300D	710D	**59**
1,1,2-Trichloroethane	µg/L	2	2	0
Benzene	µg/L	2	2	0
Tetrachloroethene	µg/L	17	13	27

NOTE: B = Compound detected in associated method blank.
J = Estimated concentration below detection limit.
D = Analysis at a secondary dilution factor.
U = Not detected. Sample quantitation limits are shown as (<__U).
Results in bold indicate an exceedance of the precision requirements.

All precision requirements were met for the field duplicate analyses with the exception of 1,1-dichloroethene, carbon tetrachloride, and trichloroethene. The results for 1,1-dichloroethene and trichloroethene should be considered estimations of their true concentrations in sample P-106 due to the lack of precision between field sample duplicates. The results for carbon tetrachloride were reported at or below the CRQL in sample P-106, where analytical measurement error is anticipated, and were not detected in the duplicate sample. Therefore, these RPD discrepancies

are not considered significant and the organic data are usable as reported. The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

The following table shows the first set of field duplicate sample results associated with the samples from SDG EPP106:

Compounds	Units	MW-224	MW-224 DUP	RPD%
Methylene chloride	µg/L	0.6JB	0.6JB	0
Trichloroethene	µg/L	0.5J	0.5J	0
Tetrachloroethene	µg/L	1	1	0

NOTE: J = Estimated concentration below detection limit.
B = Compound detected in associated method blank.

All precision requirements were met for the field duplicate analyses; the results are usable as reported. The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

The following table shows the second set of field duplicate sample results associated with the samples from SDG EPP106:

Compounds	Units	MW-207A	MW-207A DUP	RPD%
Methylene chloride	µg/L	0.6JB	0.8JB	29
1,1-Dichloroethene	µg/L	1	1	0
Total 1,2-Dichloroethene	µg/L	28	28	0
1,1,1-Trichloroethane	µg/L	12	12	0
Trichloroethene	µg/L	27	27	0
Tetrachloroethene	µg/L	13	13	0

NOTE: J = Estimated concentration below detection limit.
B = Compound detected in associated method blank.

All precision requirements were met for the field duplicate analyses; the results are usable as reported. The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

The following table shows the first set of field duplicate sample results associated with the diffusion samples from SDG EPDS332 (deep):

Compounds	Units	DS-229A (mid)	DS-229A (mid) DUP	RPD%
Methylene chloride	µg/L	0.6BJ	0.7BJ	15
Acetone	µg/L	3J	3J	0
1,1-Dichloroethene	µg/L	2	3	**40**
Total 1,2-Dichloroethene	µg/L	7	7	0
1,1,1-Trichloroethane	µg/L	34	36	6
Trichloroethene	µg/L	32	33	3
Tetrachloroethene	µg/L	4	5	22

NOTE: B = Compound detected in associated method blank.
J = Estimated concentration below detection limit.
Results in bold indicate an exceedance of the precision requirements.

All precision requirements were met for the field duplicate analyses with the exception of 1,1-dichloroethene. The results for 1,1-dichloroethene should be considered estimations of their true concentrations in Sample DS-229A (mid) due to the lack of precision between field sample duplicates. The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

The following table shows the second set of field duplicate sample results associated with the diffusion samples from SDG EPDS332(deep):

Compounds	Units	DS-229A (deep)	DS-229A (deep) DUP	RPD%
Methylene chloride	µg/L	0.7JB	0.6JB	15
Acetone	µg/L	(<5U)	3J	18
1,1-Dichloroethene	µg/L	3	3	0
Total 1,2-Dichloroethene	µg/L	7	7	0
1,1,1-Trichloroethane	µg/L	36	36	0
Trichloroethene	µg/L	34	35	3
Tetrachloroethene	µg/L	4	5	22

NOTE: B = Compound detected in associated method blank.
J = Estimated concentration below detection limit.
U = Not detected. Sample quantitation limits are shown as (<__U).

All precision requirements were met for the field duplicate analyses; the results are usable as reported. The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

The following table shows the first set of field duplicate sample results associated with the diffusion samples from SDG EPDS319 (shallow):

Compounds	Units	DS-229A(shallow)	DS-229A(shallow) DUP	RPD%
Methylene chloride	µg/L	0.5JB	0.6JB	18
Acetone	µg/L	4J	4J	0
1,1-Dichloroethene	µg/L	2	2	0
Total 1,2-Dichloroethene	µg/L	7	6	15
1,1,1-Trichloroethane	µg/L	27	27	0
Trichloroethene	µg/L	27	27	0
Benzene	µg/L	3	2	**40**
Tetrachloroethene	µg/L	4	4	0

NOTE: J = Estimated concentration below detection limit.
B = Compound detected in associated method blank.

All precision requirements were met for the field duplicate analyses with the exception of benzene. The data user should note that the results for benzene should be considered false-positive due to field blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion). The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

The following table shows the second set of field duplicate sample results associated with the diffusion samples from SDG EPDS319 (shallow):

Compounds	Units	DS-311(mid)	DS-311(mid) DUP	RPD%
Methylene chloride	µg/L	7B	6B	15
Acetone	µg/L	4J	3J	29
1,1-Dichloroethene	µg/L	120	130	8
1,1-Dichloroethane	µg/L	82	83	1
Total 1,2-Dichloroethene	µg/L	3	3	0
1,2-Dichloroethane	µg/L	5	5	0
1,1,1-Trichloroethane	µg/L	31	35	12
Trichloroethene	µg/L	230D	240D	4
1,1,2-Trichloroethane	µg/L	0.6J	0.6J	0
Benzene	µg/L	0.9J	0.9J	0
Tetrachloroethene	µg/L	6	7	15

NOTE: B = Compound detected in associated method blank.
J = Estimated concentration below detection limit.
D = Analysis at a secondary dilution factor.

All precision requirements were met for the field duplicate analyses; the results are usable as reported. The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

The following table shows the field duplicate sample results associated with the treatment plant samples from SDG EPEW01:

Compounds	Units	Combine Effluent	Combine Effluent DUP	RPD%
Methylene chloride	µg/L	0.5JB	0.8JB	**46**
1,1-Dichloroethene	µg/L	0.8J	3	**115**
1,1-Dichloroethane	µg/L	7	11	**44**
Total 1,2-Dichloroethene	µg/L	(<1U)	4	**155**
Chloroform	µg/L	1	1	0
1,2-Dichloroethane	µg/L	0.5J	0.7J	**33**
1,1,1-Trichloroethane	µg/L	200	200	0
Trichloroethene	µg/L	(<1U)	10	**181**

NOTE: J = Estimated concentration below detection limit.
B = Compound detected in associated method blank.
U = Not detected. Sample quantitation limits are shown as (<__U).
Results in bold indicate an exceedance of the precision requirements.

All precision requirements were met for the field duplicate analyses with the exception of methylene chloride, 1,1-dichloroethene, 1,1-dichloroethane, total 1,2-dichloroethene, 1,2-dichloroethane, and trichloroethene. The results for 1,1-dichloroethane should be considered estimations of their true concentrations in the combined effluent sample due to the lack of precision between field sample duplicates. The results for 1,1-dichloroethene, 1,2-dichloroethane, total 1,2-dichloroethene, and trichloroethene were reported at or below the CRQL in the sample (combined effluent), where analytical measurement error is anticipated, and were not detected in the duplicate sample. Therefore, these RPD discrepancies are not considered significant and the organic data are usable as reported. The data user should note that the results for methylene chloride should be considered false-positive due to method blank contamination and, therefore, the precision criteria would not apply (see Section C.6 for discussion).

C.8 METHOD DETECTION LIMITS FOR SOLID AND AQUEOUS SAMPLES

Appendix C.1 provides the method detection limits for solid and aqueous samples. The method detection limit represents the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero and is determined from analysis of a sample for a given matrix.

Appendix C.1

Method Detection Limits for Solid and Aqueous Samples

Date: 1/31/2000 11:23:02 AM
Matrix: AQ
Compound List: 8260
Instrument: 5972-F

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
012700 and 020800	1.00,5.00	F3921-27 ;F4050-56

Analyst. KMC
Reviewed and Approved by
File. F0127MDL.XLS

Date 020800

Compound	Spike	F3921	F3922	F3923	F3924	F3925	F3926	F3927	AVG	STD DEV	MDL
1,1,1,2-TETRACHLOROETHANE	1.00	1.03	1.03	1.12	1.05	1.10	0.96	1.19	1.07	0.07	0.23
1,1,1-TRICHLOROETHANE	1.00	1.06	1.05	0.92	1.05	1.07	0.95	1.37	1.07	0.15	0.46
1,1,2,2-TETRACHLOROETHANE	1.00	0.90	0.98	0.94	1.02	0.93	0.90	1.17	0.98	0.10	0.30
1,1,2-TRICHLOROETHANE	1.00	0.97	0.99	0.90	1.05	0.91	0.91	1.09	0.97	0.07	0.23
1,1-DICHLOROETHANE	1.00	1.06	1.00	1.04	1.04	1.00	0.99	1.34	1.07	0.12	0.39
1,1-DICHLOROETHENE	1.00	0.93	0.88	0.96	0.78	0.89	0.74	1.21	0.91	0.15	0.48
1,1-DICHLOROPROPENE	1.00	1.08	1.01	1.05	0.94	0.99	0.92	1.47	1.07	0.19	0.59
1,2,3-TRICHLOROBENZENE	1.00	1.08	1.08	1.00	1.13	1.04	1.10	1.38	1.12	0.12	0.39
1,2,3-TRICHLOROPROPANE	1.00	0.91	1.04	0.99	1.00	0.92	0.93	1.20	1.00	0.10	0.32
1,2,4-TRICHLOROBENZENE	1.00	1.09	1.13	0.99	1.11	1.05	1.10	1.36	1.12	0.12	0.36
1,2,4-TRIMETHYLBENZENE	1.00	1.18	1.00	1.04	1.01	0.96	1.00	1.28	1.07	0.12	0.37
1,2-DIBROMO-3-CHLOROPROPANE	1.00	0.77	0.80	1.19	0.90	0.87	1.22	1.42	1.02	0.25	0.79
1,2-DIBROMOETHANE	1.00	0.94	0.98	0.94	0.93	0.92	0.97	1.04	0.96	0.04	0.13
1,2-DICHLOROBENZENE	1.00	1.05	1.09	1.07	1.05	1.01	1.06	1.31	1.09	0.10	0.31
1,2-DICHLOROETHANE	1.00	1.35	1.34	1.53	1.59	1.42	1.50	1.59	1.47	0.11	0.33
1,2-DICHLOROETHENE (CIS)	1.00	0.96	0.90	0.96	0.92	0.97	0.87	1.07	0.95	0.06	0.20
1,2-DICHLOROETHENE (TRANS)	1.00	1.10	0.92	0.89	0.94	0.94	0.97	1.28	1.01	0.14	0.43
1,2-DICHLOROPROPANE	1.00	1.06	0.96	1.05	0.99	1.00	0.86	1.20	1.02	0.10	0.33
1,3,5-TRICHLOROBENZENE	1.00	1.14	1.04	1.09	1.02	0.93	1.10	1.23	1.08	0.10	0.30
1,3,5-TRIMETHYLBENZENE	1.00	1.09	1.00	1.03	1.04	1.00	0.99	1.33	1.07	0.12	0.38
1,3-DICHLOROBENZENE	1.00	1.19	1.07	1.07	1.07	1.03	1.02	1.37	1.12	0.12	0.39
1,3-DICHLOROPROPANE	1.00	1.03	0.99	1.01	1.10	0.98	1.01	1.06	1.03	0.04	0.13
1,4-DICHLOROBENZENE	1.00	1.17	1.06	1.04	1.05	1.01	0.96	1.28	1.08	0.11	0.34
2,2-DICHLOROPROPANE	1.00	1.11	1.06	1.04	1.01	1.00	1.01	1.35	1.08	0.13	0.40
2-BUTANONE	1.00	0.75	1.03	0.67	1.23	0.85	0.78	0.85	0.88	0.19	0.60
2-CHLOROETHYLVINYLETHER	5.00	1.76	2.55	4.49	2.25	3.13	2.25	3.24	2.81	0.90	2.84
2-CHLOROTOLUENE	1.00	1.11	1.01	1.01	1.04	0.97	0.99	1.29	1.06	0.11	0.35
2-HEXANONE	1.00	1.37	0.97	1.00	1.07	0.90	0.96	1.04	1.04	0.15	0.48
4-CHLOROTOLUENE	1.00	1.17	1.05	1.04	1.10	1.01	0.97	1.38	1.10	0.14	0.43
4-METHYL-2-PENTANONE	1.00	1.12	1.00	0.82	1.26	1.01	0.92	1.01	1.02	0.14	0.44
ACETONE	1.00	0.87	1.12	0.99	1.04	0.81	1.17	1.00	1.00	0.13	0.40
ACROLEIN	5.00	3.13	4.12	4.98	2.32	3.53	0.96	1.81	2.98	1.39	4.35
ACRYLONITRILE	1.00	0.86	0.71	0.91	0.74	0.84	0.70	0.65	0.77	0.10	0.30
BENZENE	1.00	1.07	1.03	1.05	1.01	0.98	0.96	1.35	1.06	0.13	0.41

Date: 1/31/2000 11:23:02 AM
Matrix: AQ
Compound List: 8260
Instrument: 5972-F

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
012700 and 020800	1.00,5.00	F3921-27 ;F4050-56

Analyst: KMC
Reviewed and Approved by
File: F0127MDL.XLS

Date

Compound	Spike	F3921	F3922	F3923	F3924	F3925	F3926	F3927	AVG	STD DEV	MDL
BROMOBENZENE	1.00	1.10	1.02	1.01	1.09	1.03	0.99	1.22	1.07	0.08	0.25
BROMOCHLOROMETHANE	1.00	1.11	1.07	1.07	1.09	1.07	1.05	1.05	1.07	0.02	0.07
BROMODICHLOROMETHANE	1.00	1.08	1.03	1.01	1.00	1.12	1.07	1.21	1.07	0.07	0.23
BROMOFORM	1.00	0.94	1.04	1.02	1.04	0.86	0.95	1.28	1.02	0.13	0.42
BROMOMETHANE	1.00	1.08	0.97	0.90	0.97	0.77	0.84	1.18	0.96	0.14	0.44
CARBON DISULFIDE	1.00	1.02	0.92	0.93	0.92	0.94	0.85	1.25	0.98	0.13	0.41
CARBON TETRACHLORIDE	1.00	1.05	1.01	1.05	1.13	1.03	1.00	1.47	1.11	0.17	0.52
CHLOROBENZENE	1.00	1.13	1.10	1.06	1.02	1.02	1.00	1.33	1.09	0.11	0.36
CHLOROETHANE	1.00	1.26	1.26	1.07	1.09	1.05	0.94	1.43	1.16	0.17	0.52
CHLOROFORM	1.00	0.93	0.90	0.96	0.97	0.92	0.88	1.21	0.97	0.11	0.35
CHLOROMETHANE	1.00	1.00	1.04	1.03	1.02	0.93	0.83	1.42	1.04	0.18	0.58
CIS-1,3-DICHLOROPROPENE	1.00	1.18	1.00	1.02	1.01	0.94	1.03	1.05	1.03	0.07	0.23
DIBROMOCHLOROMETHANE	1.00	1.01	1.10	1.03	1.11	1.07	0.93	1.27	1.07	0.11	0.33
DIBROMOMETHANE	1.00	0.94	1.09	1.05	0.96	1.05	0.93	1.08	1.01	0.07	0.22
DICHLORODIFLUOROMETHANE	1.00	1.07	0.99	1.08	1.03	1.08	0.97	1.16	1.05	0.06	0.20
DIETHYL ETHER	1.00	1.00	0.94	0.97	1.02	0.90	1.07	1.03	0.99	0.06	0.18
ETHYL METHACRYLATE	1.00	0.79	0.79	0.95	0.80	1.00	0.89	0.81	0.86	0.09	0.27
ETHYLBENZENE	1.00	1.08	0.98	1.02	0.98	0.97	0.97	1.37	1.05	0.15	0.46
FREON-113	1.00	1.10	0.93	0.87	0.94	0.95	0.97	1.01	0.97	0.07	0.23
HEXACHLOROBUTADIENE	1.00	1.08	1.20	1.04	1.04	0.92	1.02	1.35	1.09	0.14	0.44
ISOPROPYLBENZENE	1.00	1.11	1.03	1.01	0.98	0.96	0.95	1.32	1.05	0.13	0.41
M+P-XYLENE	2.00	2.24	2.03	2.13	2.03	1.95	1.97	2.66	2.14	0.25	0.78
METHYLENE CHLORIDE	1.00	1.39	1.47	1.40	1.56	1.25	1.35	1.50	1.42	0.10	0.32
MTBE	1.00	1.01	0.98	0.95	1.06	0.99	0.99	1.04	1.00	0.04	0.12
N-BUTYLBENZENE	1.00	1.05	0.97	0.98	0.93	0.91	0.90	1.28	1.00	0.13	0.42
N-PROPYLBENZENE	1.00	1.05	0.98	0.98	0.96	0.94	0.95	1.32	1.03	0.13	0.42
NAPHTHALENE	1.00	0.97	1.00	0.98	1.04	0.99	1.06	1.27	1.04	0.10	0.33
O-XYLENE	1.00	1.02	1.00	1.03	0.97	0.96	0.93	1.15	1.01	0.07	0.22
P-ISOPROPYLTOLUENE	1.00	1.06	0.99	1.05	0.96	0.93	0.91	1.35	1.04	0.15	0.47
SEC-BUTYLBENZENE	1.00	1.08	0.97	1.01	0.97	0.95	0.89	1.34	1.03	0.15	0.47
STYRENE	1.00	1.03	0.94	0.96	0.97	0.93	0.94	1.19	0.99	0.09	0.29
TERT-BUTYLBENZENE	1.00	1.19	1.02	1.01	0.98	0.96	0.95	1.38	1.07	0.16	0.50
TETRACHLOROETHENE	1.00	1.18	1.08	1.19	1.07	1.06	1.02	1.34	1.13	0.11	0.35
TETRAHYDROFURAN	5.00	5.00	4.29	3.33	2.64	3.75	3.17	3.32	3.64	0.79	2.47

Date: 1/31/2000 11:23:02 AM

Matrix: AQ

Compound List: 8260

Instrument: 5972-F

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
012700 and 020800	1.00,5.00	F3921-27 ;F4050-56

Analyst: KMC

Reviewed and Approved by Date

File: F0127MDL.XLS

Compound	Spike	F3921	F3922	F3923	F3924	F3925	F3926	F3927	AVG	STD DEV	MDL
TOLUENE	1.00	1.10	1.03	1.09	1.01	0.98	1.04	1.30	1.08	0.11	0.33
TRANS-1,3-DICHLOROPROPENE	1.00	1.00	1.03	1.08	1.01	1.01	1.01	1.18	1.05	0.07	0.20
TRICHLOROETHENE	1.00	1.11	0.97	1.04	1.06	1.01	0.99	1.33	1.07	0.12	0.39
TRICHLOROFLUOROMETHANE	1.00	1.09	0.95	1.06	1.00	1.07	1.05	1.23	1.06	0.09	0.27
VINYL ACETATE	1.00	0.92	0.83	0.86	0.86	1.07	0.64	0.64	0.83	0.15	0.48
VINYL CHLORIDE	1.00	1.04	0.99	0.93	0.86	0.82	0.82	1.19	0.95	0.14	0.42

Date: 1/5/2000 8:19:57 AM

Matrix: AQ

Compound List: 8260

Instrument: 5972-S

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
10400 AND 020400	1.00,2.00	S8093-96,S8098-S8100

58542 718

Analyst: KMC

Reviewed and Approved by

Date: 02070

File: S0104MDL.XLS

Compound	Spike	S8093	S8094	S8095	S8096	S8098	S8099	S8100	AVG	STD DEV	MDL
1,1,1,2-TETRACHLOROETHANE	1.00	1.05	1.05	1.06	1.01	0.99	1.06	1.02	1.03	0.03	0.09
1,1,1-TRICHLOROETHANE	1.00	1.07	1.20	1.11	1.06	1.04	0.91	0.96	1.05	0.10	0.30
1,1,2,2-TETRACHLOROETHANE	1.00	0.97	1.07	1.01	0.97	1.05	1.05	0.97	1.01	0.04	0.14
1,1,2-TRICHLOROETHANE	1.00	0.94	1.14	1.12	1.09	1.10	1.04	0.98	1.06	0.07	0.24
1,1-DICHLOROETHANE	1.00	1.08	1.17	1.17	1.11	1.22	1.05	1.05	1.12	0.07	0.21
1,1-DICHLOROETHENE	2.00	1.99	1.60	1.94	1.52	1.84	1.75	1.66	1.76	0.18	0.55
1,1-DICHLOROPROPENE	1.00	1.22	1.26	1.15	1.23	1.20	1.06	1.12	1.18	0.07	0.22
1,2,3-TRICHLOROBENZENE	1.00	1.41	1.16	1.07	1.01	1.00	0.90	0.82	1.05	0.19	0.60
1,2,3-TRICHLOROPROPANE	1.00	1.41	1.12	1.27	1.12	1.19	1.15	1.06	1.19	0.12	0.37
1,2,4-TRICHLOROBENZENE	1.00	1.25	1.15	1.08	1.14	1.04	0.96	0.88	1.07	0.12	0.39
1,2,4-TRIMETHYLBENZENE	1.00	1.06	1.09	0.99	0.89	0.89	0.92	0.83	0.95	0.10	0.30
1,2-DIBROMO-3-CHLOROPROPANE	1.00	1.31	1.29	0.67	1.09	1.07	1.00	0.67	1.01	0.26	0.82
1,2-DIBROMOETHANE	1.00	0.97	0.98	0.90	0.96	1.02	1.06	1.07	0.99	0.06	0.19
1,2-DICHLOROBENZENE	1.00	1.18	1.19	1.14	1.10	1.06	0.97	0.97	1.09	0.09	0.29
1,2-DICHLOROETHANE	1.00	1.36	1.50	1.50	1.45	1.53	1.47	1.41	1.46	0.06	0.19
1,2-DICHLOROETHENE (CIS)	1.00	1.01	1.14	1.10	0.99	1.11	1.01	1.00	1.05	0.06	0.20
1,2-DICHLOROETHENE (TRANS)	1.00	1.06	1.23	1.11	1.11	1.02	0.99	1.00	1.07	0.08	0.26
1,2-DICHLOROPROPANE	1.00	0.96	1.10	1.08	1.09	1.03	1.01	1.00	1.04	0.05	0.17
1,3,5-TRICHLOROBENZENE	1.00	1.22	1.31	1.26	1.08	1.03	0.87	0.97	1.11	0.16	0.51
1,3,5-TRIMETHYLBENZENE	1.00	1.06	1.12	1.02	0.99	0.97	0.88	0.92	0.99	0.08	0.26
1,3-DICHLOROBENZENE	1.00	1.12	1.12	1.07	1.06	1.11	1.03	0.91	1.06	0.07	0.23
1,3-DICHLOROPROPANE	1.00	1.04	1.15	1.15	1.11	1.13	0.97	1.09	1.09	0.07	0.21
1,4-DICHLOROBENZENE	1.00	1.18	1.20	1.12	1.06	1.10	1.03	0.99	1.10	0.08	0.24
2,2-DICHLOROPROPANE	1.00	1.06	0.96	1.07	0.91	0.98	0.91	0.83	0.96	0.09	0.27
2-BUTANONE	1.00	1.18	1.26	1.00	1.05	0.87	1.19	0.79	1.05	0.17	0.55
2-CHLOROETHYLVINYLETHER	1.00	0.88	0.80	0.75	0.58	0.86	0.75	0.86	0.78	0.10	0.33
2-CHLOROTOLUENE	1.00	1.18	1.13	1.10	1.09	1.04	1.01	0.94	1.07	0.08	0.25
2-HEXANONE	1.00	0.93	0.78	1.06	0.66	0.91	0.78	0.85	0.85	0.13	0.41
4-CHLOROTOLUENE	1.00	1.11	1.08	1.04	1.00	1.00	0.96	0.91	1.01	0.07	0.22
4-METHYL-2-PENTANONE	1.00	0.86	1.11	1.03	0.89	1.10	0.99	1.06	1.01	0.10	0.31
ACETONE	1.00	1.09	1.24	1.01	1.00	1.15	1.46	0.88	1.12	0.19	0.60
ACROLEIN	1.00	1.33	0.75	0.67	1.43	0.75	1.13	0.87	0.99	0.31	0.96
ACRYLONITRILE	1.00	0.95	0.81	1.23	1.05	0.92	1.23	1.02	1.03	0.16	0.49
BENZENE	2.00	2.13	2.15	2.18	2.00	2.04	2.05	2.01	2.08	0.07	0.23

Date: 1/5/2000 8:19:57 AM
Matrix: AQ
Compound List: 8260
Instrument: 5972-S

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
10400 AND 020400	1.00,2.00	S8093-95,S8098-S8100

Analyst: KMC
Reviewed and Approved by Date:
File: S0104MDL.XLS

Compound	Spike	S8093	S8094	S8095	S8096	S8098	S8099	S8100	AVG	STD DEV	MDL
BROMOBENZENE	1.00	1.09	1.15	1.10	1.08	1.08	1.03	1.08	1.09	0.04	0.11
BROMOCHLOROMETHANE	1.00	1.16	1.18	1.06	1.02	1.06	1.16	1.05	1.10	0.07	0.21
BROMODICHLOROMETHANE	1.00	0.99	1.07	1.01	1.07	1.05	0.96	1.05	1.03	0.04	0.13
BROMOFORM	1.00	0.80	0.97	0.94	0.86	0.90	0.83	0.96	0.89	0.07	0.21
BROMOMETHANE	1.00	1.01	1.19	0.94	1.18	0.92	1.19	0.93	1.05	0.13	0.41
CARBON DISULFIDE	1.00	1.13	1.21	1.07	1.07	1.08	1.04	0.99	1.08	0.07	0.22
CARBON TETRACHLORIDE	1.00	1.02	1.02	1.10	1.07	1.00	0.96	0.99	1.02	0.05	0.15
CHLOROBENZENE	1.00	1.45	1.54	1.50	1.52	1.44	1.40	1.34	1.46	0.07	0.22
CHLOROETHANE	1.00	1.18	1.36	1.18	1.24	1.18	1.23	1.15	1.22	0.07	0.22
CHLOROFORM	1.00	1.17	1.13	1.07	1.13	1.13	1.12	1.11	1.12	0.03	0.09
CHLOROMETHANE	1.00	1.08	1.14	1.12	1.23	1.08	1.17	1.07	1.13	0.06	0.18
CIS-1,3-DICHLOROPROPENE	1.00	1.08	1.02	0.99	0.91	0.89	0.90	0.87	0.95	0.08	0.25
DIBROMOCHLOROMETHANE	1.00	0.99	1.05	1.00	0.93	0.95	0.93	0.92	0.97	0.05	0.15
DIBROMOMETHANE	1.00	1.02	1.15	1.01	1.06	1.17	1.14	1.04	1.08	0.07	0.21
DICHLORODIFLUOROMETHANE	1.00	1.01	1.09	0.94	0.95	0.98	0.72	0.81	0.93	0.12	0.39
DIETHYL ETHER	1.00	1.16	1.16	1.10	0.93	1.07	1.09	1.05	1.08	0.08	0.25
ETHYLBENZENE	1.00	1.12	1.13	1.07	1.10	1.04	0.98	0.93	1.05	0.07	0.24
FREON-113	1.00	1.16	1.23	1.27	1.22	0.96	1.05	1.06	1.14	0.11	0.36
HEXACHLOROBUTADIENE	1.00	1.31	1.27	1.15	1.09	1.23	1.03	0.90	1.14	0.15	0.46
ISOPROPYLBENZENE	1.00	1.05	1.10	0.97	1.00	1.02	0.93	0.89	0.99	0.07	0.22
M+P-XYLENE	2.00	2.20	2.35	2.17	2.16	1.92	1.95	1.82	2.08	0.19	0.59
METHYLENE CHLORIDE	1.00	2.06	1.82	1.82	2.22	1.83	1.92	2.16	1.98	0.17	0.53
MTBE	1.00	1.10	1.08	1.10	1.10	1.11	1.07	1.10	1.09	0.01	0.04
N-BUTYLBENZENE	1.00	1.00	0.99	0.92	0.84	0.89	0.79	0.68	0.87	0.11	0.36
N-PROPYLBENZENE	1.00	1.08	1.05	1.03	0.96	0.97	0.94	0.86	0.98	0.08	0.24
NAPHTHALENE	1.00	1.17	1.02	0.88	0.92	0.82	0.84	0.88	0.93	0.12	0.39
O-XYLENE	1.00	0.96	1.08	0.98	1.02	0.95	1.00	0.97	0.99	0.04	0.14
P-ISOPROPYLTOLUENE	1.00	1.04	0.99	0.94	0.87	0.87	0.83	0.82	0.91	0.08	0.26
SEC-BUTYLBENZENE	1.00	1.07	1.02	1.04	0.98	0.94	0.89	0.86	0.97	0.08	0.25
STYRENE	1.00	0.92	0.97	0.88	0.81	0.86	0.76	0.87	0.87	0.07	0.22
TERT-BUTYLBENZENE	1.00	1.10	1.10	1.05	0.96	0.99	0.86	0.86	0.99	0.10	0.32
TETRACHLOROETHENE	1.00	1.16	1.25	1.10	1.14	1.02	1.04	0.94	1.09	0.10	0.32
TETRAHYDROFURAN	1.00	1.34	1.23	1.31	1.43	1.24	1.42	1.58	1.36	0.12	0.39
TOLUENE	2.00	2.29	2.14	2.32	2.19	2.15	2.11	2.07	2.18	0.09	0.29

Date: 1/5/2000 8:19:57 AM
Matrix: AQ
Compound List: 8260
Instrument: 5972-S

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
10400 AND 020400	1.00,2.00	S8093-95,S8098-S8100

Analyst: KMC
Reviewed and Approved by Date:
File: S0104MDL.XLS

Compound	Spike	S8093	S8094	S8095	S8096	S8098	S8099	S8100	AVG	STD DEV	MDL
TRANS-1,3-DICHLOROPROPENE	1.00	1.05	0.95	0.93	0.81	0.92	0.88	0.86	0.91	0.08	0.24
TRICHLOROETHENE	2.00	2.23	2.20	2.34	2.11	2.12	1.94	2.04	2.14	0.13	0.41
TRICHLOROFLUOROMETHANE	1.00	1.14	1.12	1.05	1.12	1.01	0.98	0.97	1.06	0.07	0.22
VINYL ACETATE	2.00	1.95	1.96	1.87	1.92	1.74	1.86	1.68	1.85	0.11	0.34
VINYL CHLORIDE	1.00	1.14	1.27	1.13	1.09	0.87	1.05	0.99	1.08	0.13	0.40

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Matrix: AQ
Compound List: 8260
Instrument: 5973-U

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
11,200,020,400	1 00,5.00	U2686-91,93

Analyst: KMC
Reviewed and Approved by: Date
File: U0112MDL.XLS

Compound	Spike	U2686	U2687	U2688	U2689	U2690	U2691	U2693	AVG	STD DEV	MDL
1,1,1,2-TETRACHLOROETHANE	1.00	0.82	0.99	0.94	0.87	0.91	0.87	0.88	0.90	0.06	0.17
1,1,1-TRICHLOROETHANE	1.00	0.89	1.13	1.01	1.00	1.24	1.01	1.01	1.04	0.11	0.35
1,1,2,2-TETRACHLOROETHANE	1.00	1.00	1.04	1.10	1.06	0.91	1.00	1.03	1.02	0.06	0.19
1,1,2-TRICHLOROETHANE	1.00	0.97	1.01	0.92	0.94	0.95	1.02	1.01	0.97	0.04	0.12
1,1-DICHLOROETHANE	1.00	1.00	1.08	1.13	1.14	1.40	1.17	1.15	1.15	0.12	0.39
1,1-DICHLOROETHENE	1.00	1.21	1.35	1.30	1.25	1.36	1.41	1.37	1.32	0.07	0.22
1,1-DICHLOROPROPENE	1.00	1.74	1.78	1.71	1.77	1.64	1.66	1.65	1.71	0.06	0.18
1,2,3-TRICHLOROBENZENE	1.00	0.55	0.57	0.55	0.55	0.51	0.51	0.61	0.55	0.03	0.11
1,2,3-TRICHLOROPROPANE	1.00	1.01	0.88	1.23	1.10	0.96	1.11	1.11	1.06	0.12	0.36
1,2,4-TRICHLOROBENZENE	1.00	0.57	0.57	0.59	0.59	0.58	0.51	0.61	0.57	0.03	0.10
1,2,4-TRIMETHYLBENZENE	1.00	0.58	0.60	0.62	0.57	0.59	0.57	0.59	0.59	0.02	0.06
1,2-DIBROMO-3-CHLOROPROPANE	1.00	1.09	1.09	1.22	1.11	0.93	0.86	0.80	1.01	0.15	0.48
1,2-DIBROMOETHANE	1.00	0.90	0.87	0.96	0.99	0.96	0.87	0.91	0.92	0.05	0.15
1,2-DICHLOROBENZENE	1.00	0.84	0.91	0.89	0.85	0.92	0.87	0.94	0.89	0.04	0.12
1,2-DICHLOROETHANE	1.00	1.33	1.35	1.40	1.45	1.40	1.33	1.38	1.38	0.04	0.14
1,2-DICHLOROETHENE (CIS)	1.00	0.90	1.02	0.92	0.91	0.93	0.92	0.95	0.94	0.04	0.13
1,2-DICHLOROETHENE (TRANS)	1.00	1.08	1.33	1.00	1.17	1.51	1.51	1.24	1.26	0.20	0.63
1,2-DICHLOROPROPANE	1.00	0.96	0.93	0.92	0.95	1.06	0.97	0.94	0.96	0.05	0.15
1,3,5-TRICHLOROBENZENE	1.00	1.07	1.06	1.20	1.10	0.88	0.90	0.69	0.99	0.17	0.54
1,3,5-TRIMETHYLBENZENE	1.00	0.64	0.65	0.68	0.64	0.64	0.64	0.66	0.65	0.02	0.05
1,3-DICHLOROBENZENE	1.00	0.82	0.87	0.85	0.84	0.90	0.89	0.85	0.86	0.03	0.09
1,3-DICHLOROPROPANE	1.00	0.97	0.88	0.99	0.90	0.96	0.95	0.93	0.94	0.04	0.12
1,4-DICHLOROBENZENE	1.00	0.99	0.99	1.04	1.00	1.10	1.05	1.06	1.03	0.04	0.13
2,2-DICHLOROPROPANE	1.00	1.01	1.03	1.03	1.06	1.12	0.98	1.02	1.04	0.04	0.14
2-BUTANONE	1.00	1.32	1.34	1.17	1.20	1.30	1.17	1.20	1.24	0.07	0.23
2-CHLOROETHYLVINYLETHER	5.00	0.77	2.78	2.82	1.98	0.89	2.08	1.08	1.77	0.87	2.73
2-CHLOROTOLUENE	1.00	0.81	0.86	0.85	0.83	0.79	0.81	0.84	0.83	0.02	0.08
2-HEXANONE	1.00	0.78	0.74	0.80	0.81	0.88	0.55	0.82	0.77	0.11	0.33
4-CHLOROTOLUENE	1.00	0.80	0.79	0.79	0.77	0.75	0.74	0.78	0.77	0.02	0.07
4-METHYL-2-PENTANONE	1.00	1.05	0.86	1.11	1.02	1.12	0.88	0.89	0.99	0.11	0.35
ACETONE	1.00	1.26	1.11	1.20	1.05	1.15	1.00	0.97	1.11	0.11	0.33
ACROLEIN	5.00	4.57	4.97	4.30	4.45	4.17	4.39	3.56	4.34	0.43	1.35
ACRYLONITRILE	1.00	1.47	1.45	1.06	1.42	1.01	1.32	1.23	1.28	0.19	0.59
BENZENE	1.00	0.89	0.84	0.97	0.92	1.06	1.00	0.92	0.94	0.07	0.23

Date: 1/12/2000 1:44:50 PM
Matrix: AQ
Compound List: 8260
Instrument: 5973-U

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
11,200,020,400	1 00,5.00	U2686-91,93

Analyst: KMC
Reviewed and Approved by: Date
File: U0112MDL XLS

Compound	Spike	U2686	U2687	U2688	U2689	U2690	U2691	U2693	AVG	STD DEV	MDL
BROMOBENZENE	1 00	0.97	1.05	1.00	0.95	1.01	0.98	0.97	0.99	0.03	0.10
BROMOCHLOROMETHANE	1.00	1.14	1.15	1.20	1.23	1.13	1.27	1.24	1.19	0.06	0.17
BROMODICHLOROMETHANE	1.00	1.04	0.95	0.95	0.91	0.98	0.92	0.89	0.95	0.05	0.16
BROMOFORM	1.00	0.81	0.76	0.80	0.85	0.67	0.74	0.74	0.77	0.06	0.18
BROMOMETHANE	1.00	1 40	1.23	1.23	1.29	1.26	1.48	1.35	1.32	0.09	0.30
CARBON DISULFIDE	1.00	1.32	1.33	1 38	1 31	1.62	1.48	1.43	1.41	0.11	0.35
CARBON TETRACHLORIDE	1.00	1.06	1.08	1.03	1.06	1.12	0.96	1.00	1.04	0.05	0.17
CHLOROBENZENE	1.00	0.98	1.03	1.01	1.00	1.11	1.09	1.02	1.03	0.05	0.15
CHLOROETHANE	1.00	1.06	1.22	1.35	1.11	1.24	1.62	1.40	1.29	0.19	0.60
CHLOROFORM	1.00	1.05	1.19	1.14	1.18	1.32	1.18	1.19	1.18	0.08	0.25
CHLOROMETHANE	1.00	1.30	1 42	1.34	1.14	1.45	1.73	1.41	1.40	0 18	0.56
CIS-1,3-DICHLOROPROPENE	1.00	0.70	0.72	0.77	0.70	0.65	0.65	0.66	0.69	0.04	0.14
DIBROMOCHLOROMETHANE	1.00	0.86	0.84	0.84	0.89	0.72	0.79	0.80	0.82	0.06	0.17
DIBROMOMETHANE	1 00	1 04	0.91	1.09	1.02	0.94	1.01	0.99	1.00	0 06	0.19
DICHLORODIFLUOROMETHANE	1.00	1.37	1.41	1.54	1.51	1.69	1.52	1.49	1.50	0.10	0.32
DIETHYL ETHER	1.00	1.28	1 17	1 11	1.15	1.40	1.18	1 11	1.20	0.11	0.33
ETHYLBENZENE	1 00	0.77	0.80	0.81	0.79	0.92	0.92	0.75	0.82	0.07	0.22
FREON-113	1 00	1.15	1.06	1 14	1.03	1.10	1.35	1.21	1.15	0.11	0.34
HEXACHLOROBUTADIENE	1 00	0.95	1.00	0.90	0.91	0.91	0.87	0.90	0.92	0.04	0.13
ISOPROPYLBENZENE	1.00	0.60	0.65	0.66	0.63	0.63	0.58	0.58	0.62	0.03	0.10
M+P-XYLENE	2.00	1.36	1.34	1.37	1.32	1.58	1 52	1.29	1.40	0.11	0.34
METHYLENE CHLORIDE	1.00	2.17	2.19	2.21	2.29	2 18	2 34	2.34	2.25	0.08	0.24
MTBE	1.00	1.07	0.97	1.27	1.20	1.30	1.21	1.16	1.17	0.12	0.36
N-BUTYLBENZENE	1.00	0.64	0.69	0.67	0.61	0.61	0.56	0.57	0.62	0.05	0.15
N-PROPYLBENZENE	1.00	0.77	0.81	0.82	0.79	0.77	0.75	0.75	0.78	0.03	0.09
NAPHTHALENE	1.00	0.38	0.36	0.36	0.36	0.30	0.32	0.36	0.35	0.03	0.09
O-XYLENE	1.00	0.59	0.60	0.64	0.58	0.65	0.65	0.54	0.61	0.04	0.13
P-ISOPROPYLTOLUENE	1.00	0.58	0.57	0.56	0.57	0.55	0.55	0.52	0.56	0.02	0.06
SEC-BUTYLBENZENE	1.00	0.62	0.67	0.64	0.60	0.64	0.63	0.63	0.63	0.02	0.07
STYRENE	1.00	0.58	0.57	0.57	0.56	0.58	0.62	0.59	0.58	0.02	0.06
TERT-BUTYLBENZENE	1.00	0.60	0.63	0.63	0.60	0.61	0.55	0.61	0.60	0.03	0.08
TETRACHLOROETHENE	1.00	1.15	1 12	1.17	1.13	1.25	1.15	1 01	1 14	0.07	0.22
TETRAHYDROFURAN	1.00	1.25	0.65	1.10	1.07	0.90	0.59	0.77	0.91	0.25	0.77
TOLUENE	1.00	1.03	1.11	1.11	1.09	1.15	1.10	1.07	1.09	0.04	0.12

Date: 1/12/2000 1:44:50 PM
Matrix: AQ
Compound List: 8260
Instrument: 5973-U

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
11,200,020,400	1.00,5.00	U2686-91,93

Analyst: KMC
Reviewed and Approved by: Date
File: U0112MDL.XLS

Compound	Spike	U2686	U2687	U2688	U2689	U2690	U2691	U2693	AVG	STD DEV	MDL
TRANS-1,3-DICHLOROPROPENE	1.00	0.70	0.74	0.68	0.67	0.82	0.69	0.69	0.71	0.05	0.16
TRICHLOROETHENE	1.00	0.98	0.92	0.98	0.90	1.09	1.01	0.97	0.98	0.06	0.19
TRICHLOROFLUOROMETHANE	1.00	1.24	1.28	1.41	1.35	1.38	1.37	1.36	1.34	0.06	0.19
VINYL ACETATE	1.00	0.63	0.52	0.51	0.44	0.57	0.38	0.30	0.48	0.11	0.36
VINYL CHLORIDE	1.00	1.36	1.41	1.36	1.29	1.53	1.42	1.46	1.40	0.08	0.24

Date: 2/10/2000 9:04:30 AM
Matrix: AQ
Compound List: 8260
Instrument: HP5970Q

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
20900	5	Q8425-Q8432

Analyst: HMP
Reviewed and Approved by: JB Date 021000
File: Q82WMDL1.XLS

Compound	Spike	Q8425	Q8427	Q8428	Q8429	Q8430	Q8431	Q8432	AVG	STD DEV	MDL
1,1,1,2-TETRACHLOROETHANE	5.00	4.71	4.63	4.67	4.24	3.95	4.26	4.06	4.36	0.31	0.97
1,1,1-TRICHLOROETHANE	5.00	4.07	4.14	4.90	3.66	3.84	3.77	4.02	4.06	0.41	1.29
1,1,2,2-TETRACHLOROETHANE	5.00	4.82	5.09	5.32	5.27	4.93	5.11	4.97	5.07	0.18	0.57
1,1,2-TRICHLOROETHANE	5.00	4.68	4.71	5.01	5.10	4.50	4.76	5.01	4.82	0.22	0.69
1,1-DICHLOROETHANE	5.00	4.79	4.87	5.16	4.55	4.42	4.74	4.70	4.75	0.24	0.74
1,1-DICHLOROETHENE	5.00	4.02	4.22	4.94	3.32	3.72	3.37	4.05	3.95	0.56	1.75
1,1-DICHLOROPROPENE	5.00	7.58	7.73	8.14	7.37	7.44	7.40	7.91	7.65	0.29	0.91
1,2,3-TRICHLOROBENZENE	5.00	3.36	1.90	1.50	1.18	1.16	0.97	1.99	1.72	0.82	2.57
1,2,3-TRICHLOROPROPANE	5.00	5.11	5.08	5.24	4.57	5.13	4.77	5.25	5.02	0.25	0.80
1,2,4-TRICHLOROBENZENE	5.00	3.37	2.89	2.85	2.01	2.06	2.08	2.55	2.54	0.52	1.64
1,2,4-TRIMETHYLBENZENE	5.00	5.07	4.89	5.11	4.44	4.27	4.55	4.17	4.64	0.38	1.20
1,2-DIBROMO-3-CHLOROPROPANE	5.00	4.31	4.99	4.73	4.75	4.80	4.70	4.71	4.71	0.20	0.64
1,2-DIBROMOETHANE	5.00	4.23	4.33	4.48	4.46	4.21	4.42	4.40	4.36	0.11	0.34
1,2-DICHLOROBENZENE	5.00	5.13	5.34	5.34	4.63	4.69	4.21	4.50	4.83	0.44	1.38
1,2-DICHLOROETHANE	5.00	5.21	5.25	5.35	5.18	4.89	5.17	5.14	5.17	0.14	0.44
1,2-DICHLOROETHENE (CIS)	5.00	4.75	4.65	4.84	4.50	4.17	4.61	4.51	4.58	0.22	0.68
1,2-DICHLOROETHENE (TRANS)	5.00	4.41	4.44	4.67	4.00	3.78	4.07	4.11	4.21	0.31	0.96
1,2-DICHLOROPROPANE	5.00	4.87	5.07	5.31	4.98	4.77	4.84	4.72	4.94	0.20	0.64
1,3,5 TRICHLOROBENZENE	5.00	4.51	4.32	4.49	3.80	3.36	3.75	3.80	4.00	0.44	1.38
1,3,5-TRIMETHYLBENZENE	5.00	4.85	4.84	5.03	4.19	4.49	4.11	4.59	4.59	0.35	1.09
1,3-DICHLOROBENZENE	5.00	4.65	4.46	4.81	4.29	4.05	4.20	4.10	4.37	0.29	0.90
1,3-DICHLOROPROPANE	5.00	4.92	4.95	4.97	4.92	4.64	4.95	4.70	4.86	0.14	0.42
1,4-DICHLOROBENZENE	5.00	4.84	4.66	4.82	4.36	4.06	4.22	4.27	4.46	0.31	0.98
1-CHLOROHEXANE	5.00	6.40	5.28	6.64	5.74	5.90	5.80	5.85	5.94	0.45	1.41
2,2-DICHLOROPROPANE	5.00	4.46	4.59	5.28	4.12	4.25	3.78	4.27	4.39	0.47	1.47
2-BUTANONE	5.00	6.42	10.42	8.09	8.85	8.48	9.19	9.82	8.75	1.30	4.07
2-CHLOROETHYLVINYLETHER	5.00	3.42	3.61	3.84	4.06	3.55	3.89	4.40	3.82	0.34	1.06
2-CHLOROTOLUENE	5.00	3.71	3.83	4.04	3.21	3.03	3.13	4.34	3.61	0.50	1.57
2-HEXANONE	5.00	6.16	5.09	4.01	5.05	5.65	6.04	6.45	5.49	0.84	2.64
4-CHLOROTOLUENE	5.00	4.96	4.90	4.46	4.58	4.14	4.28	3.75	4.44	0.43	1.34
4-METHYL-2-PENTANONE	5.00	6.37	5.53	6.51	6.07	7.09	6.81	6.11	6.36	0.52	1.62
ACETONE	5.00	10.13	9.71	8.32	9.62	10.75	8.30	9.48	9.47	0.90	2.82
ACROLEIN	5.00	2.09	4.18	4.98	4.82	3.66	3.59	3.67	3.86	0.96	3.03
ACRYLONITRILE	5.00	2.54	3.09	4.34	5.58	4.07	4.87	4.20	4.10	1.03	3.22

Date: 2/10/2000 9:04:30 AM
Matrix: AQ
Compound List: 8260
Instrument: HP5970Q

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
20900	5	Q8425-Q8432

Analyst: HMP
Reviewed and Approved by: Date:
File: Q82WMDL1.XLS

Compound	Spike	Q8425	Q8427	Q8428	Q8429	Q8430	Q8431	Q8432	AVG	STD DEV	MDL
BENZENE	5.00	4.58	4.72	5.00	4.34	4.14	4.54	4.49	4.54	0.27	0.86
BROMOBENZENE	5.00	4.62	4.74	4.59	4.42	3.95	4.40	3.90	4.37	0.33	1.03
BROMOCHLOROMETHANE	5.00	4.57	4.71	4.78	4.26	4.50	4.75	4.77	4.62	0.19	0.60
BROMODICHLOROMETHANE	5.00	4.67	4.77	4.82	4.45	4.43	4.53	4.48	4.59	0.16	0.50
BROMOFORM	5.00	4.09	4.21	4.35	4.18	3.99	4.19	3.94	4.14	0.14	0.44
BROMOMETHANE	5.00	5.17	4.86	5.16	4.83	4.36	4.69	4.76	4.83	0.28	0.88
CARBON DISULFIDE	5.00	4.29	4.29	4.88	3.68	3.90	3.71	4.25	4.14	0.42	1.32
CARBON TETRACHLORIDE	5.00	3.99	3.97	4.90	3.44	3.84	3.64	4.21	4.00	0.47	1.48
CHLOROBENZENE	5.00	4.80	4.68	4.81	4.29	3.93	4.40	4.08	4.43	0.35	1.10
CHLOROETHANE	5.00	4.24	4.65	5.10	4.10	4.31	3.99	4.46	4.41	0.38	1.18
CHLOROFORM	5.00	4.85	4.84	4.97	4.48	4.41	4.80	4.54	4.70	0.22	0.68
CHLOROMETHANE	5.00	4.24	4.65	5.32	4.53	4.89	4.52	5.03	4.74	0.36	1.14
CIS-1,3-DICHLOROPROPENE	5.00	4.67	4.52	4.72	4.53	4.07	4.38	4.18	4.44	0.24	0.76
DIBROMOCHLOROMETHANE	5.00	4.46	4.61	4.62	4.32	4.06	4.41	4.12	4.37	0.22	0.69
DIBROMOMETHANE	5.00	4.60	4.55	4.65	4.16	4.39	4.68	4.57	4.51	0.18	0.57
DICHLORODIFLUOROMETHANE	5.00	3.19	3.11	4.43	2.53	3.22	2.64	3.93	3.29	0.68	2.13
DIETHYL ETHER	5.00	5.09	5.11	5.28	5.07	5.22	5.35	5.41	5.22	0.13	0.42
ETHYLBENZENE	5.00	4.65	4.79	4.95	4.03	4.14	4.21	4.16	4.42	0.37	1.16
FREON-113	5.00	4.94	4.88	4.92	3.82	4.03	4.20	4.07	4.41	0.49	1.53
HEXACHLOROBUTADIENE	5.00	4.37	4.18	4.60	3.43	3.57	3.47	3.60	3.89	0.48	1.51
ISOPROPYLBENZENE	5.00	4.72	4.73	5.26	4.22	4.33	4.22	4.42	4.56	0.38	1.18
M+P-XYLENE	5.00	9.14	9.19	9.65	8.05	7.78	8.39	8.29	8.64	0.69	2.16
METHYLENE CHLORIDE	5.00	6.69	6.86	7.07	6.54	8.61	7.00	7.50	7.18	0.70	2.20
MTBE	5.00	4.72	5.18	5.12	5.06	5.16	5.19	5.21	5.09	0.17	0.54
N-BUTYLBENZENE	5.00	4.81	4.67	5.04	4.04	4.25	3.80	4.25	4.41	0.44	1.40
N-PROPYLBENZENE	5.00	4.73	4.82	5.39	4.13	4.32	4.01	4.42	4.55	0.47	1.49
NAPHTHALENE	5.00	2.34	1.40	1.29	1.17	1.00	1.20	1.74	1.45	0.46	1.43
O-XYLENE	5.00	4.81	4.99	4.98	4.07	4.17	4.53	4.29	4.55	0.38	1.21
P-ISOPROPYLTOLUENE	5.00	4.82	4.82	5.31	4.28	4.40	3.96	4.41	4.57	0.44	1.40
SEC-BUTYLBENZENE	5.00	4.74	4.60	5.28	4.03	3.94	3.79	4.21	4.37	0.53	1.66
STYRENE	5.00	4.53	4.68	4.65	4.08	3.86	4.10	3.84	4.25	0.36	1.14
TERT-BUTYLBENZENE	5.00	4.75	4.70	5.29	4.23	4.17	4.06	4.25	4.49	0.44	1.38
TETRACHLOROETHENE	5.00	4.21	4.20	4.38	3.44	3.60	3.39	3.81	3.86	0.40	1.27
TETRAHYDROFURAN	5.00	5.44	4.60	4.39	5.76	5.49	5.13	5.41	5.17	0.50	1.58

Date: 2/10/2000 9:04:30 AM
Matrix: AQ
Compound List: 8260
Instrument: HP5970Q

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
20900	5	Q8425-Q8432

Analyst: HMP
Reviewed and Approved by: Date:
File: Q82WMDL1.XLS

Compound	Spike	Q8425	Q8427	Q8428	Q8429	Q8430	Q8431	Q8432	AVG	STD DEV	MDL
TOLUENE	5.00	4.38	4.50	4.87	4.14	3.98	4.17	4.19	4.32	0.30	0.93
TRANS-1,3-DICHLOROPROPENE	5.00	4.44	4.60	4.71	4.18	4.27	4.37	4.26	4.40	0.19	0.61
TRICHLOROETHENE	5.00	4.45	4.40	4.79	3.87	3.89	3.75	4.03	4.17	0.38	1.20
TRICHLOROFLUOROMETHANE	5.00	3.60	3.57	4.81	2.92	3.82	3.02	4.09	3.69	0.64	2.03
VINYL ACETATE	5.00	5.32	5.01	5.25	5.53	5.69	5.90	5.60	5.47	0.30	0.94
VINYL CHLORIDE	5.00	4.08	4.13	5.12	3.44	3.76	3.69	4.41	4.09	0.56	1.75

Date: 2/11/2000 7:46:16 AM
Matrix: AQ
Compound List: 8260 5ML
Instrument: 5972-M

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
21000 and 021100	1.00, 2.00	M3696-3 ,

Analyst: KMC
Reviewed and Approved by: Date: 021400
File: M0210MDL.XLS

Compound	Spike	M3696	M3697	M3698	M3699	M3700	M3701	M3702	AVG	STD DEV	MDL
1,1,1,2-TETRACHLOROETHANE	1.00	0.92	0.90	0.99	0.92	0.85	0.90	0.92	0.91	0.04	0.13
1,1,1-TRICHLOROETHANE	1.00	0.96	0.95	0.95	0.86	0.85	0.98	1.04	0.94	0.07	0.21
1,1,2,2-TETRACHLOROETHANE	1.00	0.73	0.67	0.75	0.72	0.73	0.68	0.66	0.71	0.04	0.11
1,1,2-TRICHLOROETHANE	1.00	0.92	0.71	0.81	0.82	0.77	0.89	0.82	0.82	0.07	0.22
1,1-DICHLOROETHANE	1.00	1.07	1.01	1.04	0.96	0.95	1.03	1.04	1.01	0.04	0.14
1,1-DICHLOROETHENE	1.00	0.95	0.98	0.94	0.86	0.81	0.92	1.03	0.93	0.07	0.23
1,1-DICHLOROPROPENE	1.00	1.03	1.06	1.10	1.00	0.95	1.06	1.16	1.05	0.07	0.21
1,2,3-TRICHLOROBENZENE	1.00	0.59	0.54	0.57	0.56	0.52	0.55	0.60	0.56	0.03	0.09
1,2,3-TRICHLOROPROPANE	1.00	0.66	0.55	0.63	0.65	0.60	0.58	0.57	0.61	0.04	0.13
1,2,4-TRICHLOROBENZENE	1.00	0.74	0.67	0.75	0.73	0.64	0.74	0.75	0.72	0.04	0.14
1,2,4-TRIMETHYLBENZENE	1.00	0.99	0.91	0.94	0.88	0.80	0.99	0.99	0.93	0.07	0.22
1,2-DIBROMO-3-CHLOROPROPANE	1.00	0.38	0.20	0.47	0.57	0.51	0.52	0.58	0.46	0.13	0.42
1,2-DIBROMOETHANE	1.00	0.71	0.69	0.78	0.79	0.71	0.72	0.76	0.74	0.04	0.12
1,2-DICHLOROBENZENE	1.00	0.95	0.83	0.89	0.91	0.81	0.93	0.95	0.90	0.06	0.18
1,2-DICHLOROETHANE	1.00	1.06	1.08	1.10	1.18	1.14	1.14	1.06	1.11	0.05	0.14
1,2-DICHLOROETHENE (CIS)	1.00	0.97	0.93	1.00	0.91	0.88	0.95	1.01	0.95	0.05	0.15
1,2-DICHLOROETHENE (TRANS)	1.00	0.99	0.95	0.98	0.91	0.91	0.94	1.03	0.96	0.04	0.14
1,2-DICHLOROPROPANE	1.00	1.07	1.00	1.01	1.07	0.97	1.07	1.02	1.03	0.04	0.13
1,3,5-TRICHLOROBENZENE	1.00	0.83	0.88	0.81	0.76	0.74	0.78	0.83	0.80	0.05	0.15
1,3,5-TRIMETHYLBENZENE	1.00	0.97	0.90	0.94	0.88	0.79	0.96	1.00	0.92	0.07	0.22
1,3-DICHLOROBENZENE	1.00	1.03	0.94	0.99	0.89	0.84	0.96	1.02	0.95	0.07	0.22
1,3-DICHLOROPROPANE	1.00	0.86	0.78	0.82	0.85	0.72	0.84	0.77	0.81	0.05	0.16
1,4-DICHLOROBENZENE	1.00	1.02	0.92	1.00	0.97	0.84	0.98	0.97	0.96	0.06	0.19
2,2-DICHLOROPROPANE	1.00	0.75	0.62	0.61	0.62	0.63	0.63	0.64	0.64	0.05	0.15
2-BUTANONE	1.00	0.82	0.64	0.64	0.69	0.66	0.58	0.67	0.67	0.07	0.23
2-CHLOROETHYLVINYLETHER	2.00	0.71	0.46	0.69	0.47	0.50	0.57	0.88	0.61	0.16	0.49
2-CHLOROTOLUENE	1.00	1.04	0.96	1.01	0.91	0.87	1.01	1.05	0.98	0.07	0.21
2-HEXANONE	1.00	0.67	0.69	0.66	0.75	0.60	0.63	0.49	0.64	0.08	0.26
4-CHLOROTOLUENE	1.00	1.01	0.95	0.98	0.93	0.88	0.98	1.08	0.97	0.06	0.20
4-METHYL-2-PENTANONE	1.00	0.86	0.68	0.72	0.74	0.74	0.77	0.59	0.73	0.08	0.26
ACETONE	1.00	1.34	1.25	1.18	1.17	1.41	1.43	1.31	1.30	0.10	0.33
ACROLEIN	1.00	0.21	0.49	1.13	0.41	0.43	0.53	0.48	0.53	0.29	0.90
ACRYLONITRILE	1.00	0.52	0.47	0.56	0.72	0.49	0.41	0.21	0.48	0.15	0.49
BENZENE	1.00	1.16	1.14	1.11	1.01	1.00	1.09	1.22	1.10	0.08	0.25

Date: 2/11/2000 7:46:16 AM
Matrix: AQ
Compound List: 8260 5ML
Instrument: 5972-M

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
21000 and 021100	1.00, 2.00	M3696-3 ,

Analyst: KMC
Reviewed and Approved by: Date:
File: M0210MDL.XLS

Compound	Spike	M3696	M3697	M3698	M3699	M3700	M3701	M3702	AVG	STD DEV	MDL
BROMOBENZENE	1.00	0.93	0.86	0.91	0.90	0.84	1.00	0.95	0.91	0.05	0.17
BROMOCHLOROMETHANE	1.00	1.00	0.77	0.80	0.97	0.80	0.97	0.86	0.88	0.10	0.30
BROMODICHLOROMETHANE	1.00	0.94	0.87	0.89	0.89	0.84	0.96	0.89	0.90	0.04	0.13
BROMOFORM	1.00	0.71	0.66	0.74	0.70	0.54	0.60	0.66	0.66	0.07	0.22
BROMOMETHANE	1.00	0.52	0.57	0.49	0.66	0.60	0.56	0.51	0.56	0.06	0.18
CARBON DISULFIDE	1.00	1.18	1.15	1.08	1.06	1.03	1.16	1.24	1.13	0.07	0.23
CARBON TETRACHLORIDE	1.00	0.97	0.94	0.93	0.83	0.82	0.93	0.99	0.92	0.07	0.21
CHLOROBENZENE	1.00	1.06	1.01	1.06	0.98	0.94	1.05	1.10	1.03	0.05	0.17
CHLOROETHANE	1.00	1.42	1.37	1.05	1.11	0.98	1.05	1.10	1.15	0.17	0.54
CHLOROFORM	1.00	1.06	0.94	1.03	1.00	0.90	1.04	1.07	1.01	0.06	0.20
CHLOROMETHANE	1.00	0.94	1.02	0.95	0.90	0.90	0.85	1.06	0.95	0.07	0.23
CIS-1,3-DICHLOROPROPENE	1.00	0.71	0.69	0.75	0.76	0.65	0.75	0.77	0.73	0.04	0.14
DIBROMOCHLOROMETHANE	1.00	0.75	0.72	0.79	0.82	0.77	0.79	0.78	0.77	0.03	0.10
DIBROMOMETHANE	1.00	0.81	0.75	0.81	0.88	0.76	0.79	0.79	0.80	0.04	0.13
DICHLORODIFLUOROMETHANE	1.00	0.67	0.67	0.61	0.62	0.59	0.70	0.78	0.66	0.06	0.20
DIETHYL ETHER	1.00	0.73	0.81	0.69	0.71	0.79	0.64	0.70	0.72	0.06	0.18
ETHYLBENZENE	1.00	1.07	0.99	1.01	0.96	0.91	1.00	1.11	1.01	0.07	0.21
FREON-113	1.00	0.95	0.99	0.98	0.82	0.89	0.88	1.02	0.93	0.07	0.22
HEXACHLOROBUTADIENE	1.00	0.99	0.86	0.77	0.84	0.67	0.87	0.85	0.84	0.10	0.31
ISOPROPYLBENZENE	1.00	1.03	0.92	0.95	0.89	0.84	0.98	1.07	0.95	0.08	0.25
M+P-XYLENE	2.00	2.18	2.05	2.02	2.00	1.80	2.09	2.17	2.04	0.13	0.40
METHYLENE CHLORIDE	2.00	2.61	2.53	2.59	2.58	2.87	2.53	2.35	2.58	0.15	0.49
MTBE	1.00	0.68	0.65	0.71	0.73	0.67	0.70	0.66	0.69	0.03	0.09
N-BUTYLBENZENE	1.00	0.92	0.82	0.85	0.76	0.71	0.82	0.87	0.82	0.07	0.22
N-PROPYLBENZENE	1.00	0.96	0.92	0.92	0.85	0.80	0.96	1.01	0.92	0.07	0.22
NAPHTHALENE	1.00	0.32	0.31	0.34	0.33	0.30	0.31	0.30	0.32	0.02	0.05
O-XYLENE	1.00	1.08	1.03	1.04	1.01	0.92	1.06	1.10	1.03	0.06	0.18
P-ISOPROPYLTOLUENE	1.00	0.93	0.88	0.86	0.80	0.74	0.89	0.94	0.86	0.07	0.22
SEC-BUTYLBENZENE	1.00	0.94	0.89	0.87	0.81	0.77	0.94	0.98	0.89	0.08	0.24
STYRENE	1.00	0.90	0.91	0.90	0.88	0.80	0.95	0.93	0.90	0.05	0.15
TERT-BUTYLBENZENE	1.00	1.00	0.93	0.93	0.88	0.82	0.93	0.99	0.93	0.06	0.19
TETRACHLOROETHENE	1.00	1.04	1.00	0.97	0.98	0.86	1.03	1.08	0.99	0.07	0.22
TETRAHYDROFURAN	1.00	1.14	0.99	1.08	1.01	0.93	0.86	0.99	1.00	0.09	0.29
TOLUENE	1.00	1.13	1.07	1.11	1.08	1.02	1.16	1.19	1.11	0.06	0.18

Date: 2/11/2000 7:46:16 AM
Matrix: AQ
Compound List: 8260 5ML
Instrument: 5972-M

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
21000 and 021100	1.00; 2.00	M3696-3 ,

Analyst: KMC
Reviewed and Approved by: Date:
File: M0210MDL.XLS

Compound	Spike	M3696	M3697	M3698	M3699	M3700	M3701	M3702	AVG	STD DEV	MDL
TRANS-1,3-DICHLOROPROPENE	1.00	0.61	0.56	0.61	0.64	0.59	0.63	0.61	0.61	0.03	0.08
TRICHLOROETHENE	1.00	1.07	1.06	1.08	0.93	0.96	1.10	1.20	1.06	0.09	0.28
TRICHLOROFLUOROMETHANE	1.00	0.93	0.88	0.82	0.79	0.78	0.99	1.01	0.89	0.09	0.30
VINYL ACETATE	1.00	0.30	0.18	0.19	0.21	0.08	0.16	0.14	0.18	0.07	0.21
VINYL CHLORIDE	1.00	0.87	0.88	0.76	0.75	0.69	0.83	0.90	0.81	0.08	0.25

Date: 1/28/2000 2:13:20 PM
Matrix: Low level waters, extracted by method 3520
Compound List: 8270-TCL-B
Instrument: 5970-X

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
various	50 ug/L	various
01/20/00	10/20 ug/L	X4263-88,X4290
01/19/00, 01/20/00	2/4 ug/L	X4275, 77, 78, 80-82, 91

Analyst: SW File: 3520-827.xls
Reviewed and Approved by: Date: 050202 (phenol needs to be redone)

		X4544	X4460	X4385	X3118	X2965	X2964	X2922			
		X4283	X4284	X4285	X4286	X4287	X4288	X4290			
Compound	Spike	X4275	X4277	X4278	X4280	X4281	X4282	X4291	AVG	STD DEV	MDL
1,2,4-TRICHLOROBENZENE	2.00	1.36	1.30	1.42	1.54	1.11	1.34	1.26	1.33	0.13	0.42
1,2-DICHLOROBENZENE	2.00	1.30	1.43	1.35	1.45	1.18	1.27	1.36	1.33	0.09	0.29
1,2-DIPHENYLHYDRAZINE	2.00	1.34	1.15	1.20	1.23	1.07	1.17	1.26	1.20	0.09	0.27
1,3-DICHLOROBENZENE	2.00	1.34	1.20	1.33	1.11	1.07	1.15	1.25	1.21	0.10	0.33
1,4-DICHLOROBENZENE	2.00	1.39	1.15	1.38	1.30	1.17	1.20	1.36	1.28	0.10	0.33
1,4-DIOXANE	2.00	1.64	1.43	1.43	1.91	1.42	1.58	1.54	1.56	0.17	0.55
2,2'-OXYBIS(1-CHLOROPROPANE)	2.00	1.82	1.63	1.83	1.85	1.34	1.64	1.71	1.69	0.18	0.56
2,4,5-TRICHLOROPHENOL	4.00	1.91	2.15	2.39	2.39	1.99	2.29	2.29	2.20	0.19	0.60
2,4,6-TRICHLOROPHENOL	4.00	2.11	2.24	2.09	2.88	1.79	2.47	2.39	2.28	0.35	1.08
2,4-DICHLOROPHENOL	4.00	2.00	2.30	2.01	2.45	2.05	2.37	2.38	2.22	0.20	0.61
2,4-DIMETHYLPHENOL	4.00	1.59	1.71	1.87	1.73	0.87	1.29	1.32	1.48	0.34	1.08
2,4-DINITROPHENOL	20.00	5.62	8.69	6.94	7.64	2.71	8.00	9.49	7.01	2.26	7.12
2,4-DINITROTOLUENE	2.00	0.47	0.54	0.45	0.38	0.20	0.36	0.39	0.40	0.11	0.34
2,6-DINITROTOLUENE	2.00	0.41	0.51	0.59	0.41	0.43	0.31	0.66	0.47	0.12	0.38
2-CHLORONAPHTHALENE	2.00	1.80	1.60	1.76	1.56	1.40	1.80	1.82	1.68	0.16	0.50
2-CHLOROPHENOL	4.00	2.26	2.08	1.90	2.94	2.44	2.69	2.64	2.42	0.37	1.15
2-METHYLNAPHTHALENE	2.00	1.44	1.46	1.62	1.38	1.16	1.35	1.42	1.40	0.14	0.43
2-METHYLPHENOL	4.00	2.61	2.55	2.47	2.75	1.98	2.51	2.58	2.49	0.24	0.76
2-NITROANILINE	2.00	0.51	0.49	0.62	0.45	0.39	0.41	0.54	0.49	0.08	0.25
2-NITROPHENOL	4.00	1.46	1.45	1.29	1.91	1.38	1.62	1.91	1.57	0.25	0.79
3,3'-DICHLOROBENZIDINE	10.00	0.74	1.36	1.23	2.02	2.83	1.03	1.39	1.51	0.70	2.20
3-NITROANILINE	10.00	1.94	3.35	3.20	4.03	5.02	3.27	3.44	3.46	0.93	2.92
4,6-DINITRO-2-METHYLPHENOL	20.00	12.93	17.24	13.53	14.71	16.98	14.50	15.57	15.07	1.63	5.13
4-BROMOPHENYL-PHENYLETHER	2.00	1.35	1.51	1.59	1.43	1.38	1.63	1.60	1.50	0.11	0.36
4-CHLORO-3-METHYLPHENOL	2.00	2.33	2.28	2.47	2.27	1.95	2.38	2.31	2.28	0.16	0.51
4-CHLOROANILINE	2.00	0.33	0.16	0.11	0.11	0.05	0.14	0.38	0.18	0.12	0.39
4-CHLOROPHENYL-PHENYLETHER	2.00	1.39	1.50	1.73	1.62	1.29	1.42	1.57	1.50	0.15	0.47
4-METHYLPHENOL	4.00	2.41	2.14	2.30	2.48	1.91	2.42	2.46	2.30	0.21	0.66
4-NITROANILINE	10.00	3.29	4.37	3.96	4.15	4.50	4.14	4.24	4.09	0.39	1.24
4-NITROPHENOL	4.00	0.69	0.97	1.14	0.83	0.38	0.87	0.59	0.78	0.25	0.79
ACENAPHTHENE	2.00	1.50	1.48	1.52	1.44	1.19	1.42	1.44	1.43	0.11	0.35
ACENAPHTHYLENE	2.00	1.30	1.30	1.39	1.27	0.98	1.31	1.32	1.27	0.13	0.41
ANILINE	2.00	0.39	0.13	0.11	0.19	0.08	0.19	0.33	0.20	0.12	0.36
ANTHRACENE	2.00	1.49	1.48	1.41	1.41	1.30	1.34	1.41	1.41	0.07	0.22

Date: 1/28/2000 2:13:20 PM

Matrix: Low level waters, extracted by method 3520

Compound List: 8270-TCL-B

Instrument: 5970-X

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
various	50 ug/L	various
01/20/00	10/20 ug/L	X4283-88,X4290
01/19/00, 01/20/00	2/4 ug/L	X4275, 77, 78, 80-82, 91

Analyst: SW File: 3520-827.xls

Reviewed and Approved by: Date:

		X4544	X4460	X4385	X3118	X2965	X2964	X2922			
		X4283	X4284	X4285	X4286	X4287	X4288	X4290			
Compound	Spike	X4275	X4277	X4278	X4280	X4281	X4282	X4291	AVG	STD DEV	MDL
BENZIDINE	50.00	16.60	32.87	19.01	30.29	27.71	19.08	28.97	24.93	6.51	20.47
BENZO[A]ANTHRACENE	2.00	1.55	1.62	1.55	1.41	1.50	1.46	1.49	1.51	0.07	0.22
BENZO[A]PYRENE	2.00	0.95	1.19	0.88	0.86	0.86	0.84	1.00	0.94	0.12	0.39
BENZO[B]FLUORANTHENE	2.00	0.99	1.13	1.06	0.98	0.92	0.95	1.03	1.01	0.07	0.22
BENZO[G,H,I]PERYLENE	2.00	1.19	1.19	1.11	0.77	0.82	0.96	0.93	1.00	0.17	0.54
BENZO[K]FLUORANTHENE	2.00	1.66	1.81	1.56	1.56	0.92	1.44	1.57	1.50	0.28	0.88
BENZOIC ACID	4.00	0.31	0.25	0.55	0.14	0.32	0.50	0.28	0.34	0.14	0.45
BENZYL ALCOHOL	2.00	1.18	0.92	1.49	1.48	1.21	1.32	1.76	1.34	0.27	0.85
BIS (2-ETHYLHEXYL) ADIPATE	2.00	0.60	0.79	0.64	0.47	0.50	0.61	0.71	0.62	0.11	0.35
BIS(2-CHLOROETHOXY)METHANE	2.00	1.37	1.36	1.49	1.32	1.11	1.34	1.29	1.33	0.11	0.36
BIS(2-CHLOROETHYL)ETHER	2.00	1.66	1.36	1.50	1.44	1.13	1.28	1.43	1.40	0.17	0.53
BIS(2-ETHYLHEXYL)PHTHALATE	10.00	8.23	8.38	7.35	7.53	9.23	9.84	8.19	8.41	0.87	2.73
BUTYLBENZYLPHTHALATE	2.00	0.86	1.07	0.95	0.77	0.89	0.88	0.92	0.91	0.09	0.29
CARBAZOLE	2.00	1.55	1.51	1.57	1.56	1.24	1.35	1.37	1.45	0.13	0.41
CHRYSENE	2.00	1.64	1.64	1.56	1.55	1.50	1.53	1.52	1.56	0.06	0.18
DI-N-BUTYLPHTHALATE	2.00	1.49	1.64	1.91	1.57	1.49	1.88	1.65	1.66	0.17	0.54
DI-N-OCTYLPHTHALATE	2.00	0.51	0.71	0.61	0.63	0.58	0.57	0.59	0.60	0.06	0.19
DIBENZ[A,H]ANTHRACENE	2.00	0.71	0.80	0.77	0.61	0.52	0.60	0.65	0.67	0.10	0.31
DIBENZOFURAN	2.00	1.45	1.39	1.68	1.47	1.15	1.43	1.52	1.44	0.16	0.50
DIETHYL ADIPATE	2.00	1.24	1.46	1.53	1.41	1.16	1.34	1.52	1.38	0.14	0.44
DIETHYLPHTHALATE	2.00	1.77	2.11	3.40	2.07	1.43	1.75	2.09	2.09	0.63	1.98
DIMETHYL PHTHALATE	2.00	1.54	1.75	1.65	1.54	1.31	1.55	1.60	1.56	0.13	0.42
FLUORANTHENE	2.00	1.57	1.55	1.60	1.56	1.33	1.45	1.30	1.49	0.14	0.43
FLUORENE	2.00	1.43	1.42	1.56	1.36	1.10	1.32	1.38	1.37	0.14	0.44
HEXACHLOROBENZENE	2.00	1.47	1.65	1.68	1.44	1.38	1.57	1.68	1.55	0.12	0.39
HEXACHLOROBUTADIENE	2.00	1.16	1.25	1.33	1.32	1.09	1.38	1.41	1.28	0.12	0.37
HEXACHLOROCYCLOPENTADIENE	10.00	0.54	0.93	0.73	1.35	1.53	1.57	1.25	1.13	0.40	1.26
HEXACHLOROETHANE	2.00	1.02	1.04	1.32	1.21	0.93	0.97	1.17	1.09	0.14	0.45
INDENO[1,2,3-CD]PYRENE	2.00	0.87	0.99	0.93	0.62	0.71	0.70	0.75	0.80	0.14	0.43
ISOPHORONE	2.00	1.46	1.40	1.44	1.33	1.12	1.25	1.38	1.34	0.12	0.38
N-NITROSO-DI-N-PROPYLAMINE	2.00	1.35	1.33	1.37	1.14	0.91	1.00	1.35	1.21	0.19	0.60
N-NITROSODIMETHYLAMINE	2.00	0.23	0.44	0.88	0.51	0.36	1.37	0.86	0.68	0.40	1.24
N-NITROSODIPHENYLAMINE	2.00	3.04	3.31	3.17	2.98	2.84	2.81	3.18	3.05	0.19	0.58
NAPHTHALENE	2.00	1.47	1.41	1.53	1.70	1.32	1.36	1.40	1.46	0.13	0.40

Date: 1/28/2000 2:13:20 PM

Matrix: Low level waters, extracted by method 3520

Compound List: 8270-TCL-B

Instrument: 5970-X

Katahdin Analytical Services
MDL Study

Dates of Analysis	Spike	Data Files
various	50 ug/L	various
01/20/00	10/20 ug/L	X4283-88,X4290
01/19/00, 01/20/00	2/4 ug/L	X4275, 77, 78, 80-82, 91

Analyst: SW File: 3520-827.xls

Reviewed and Approved by: Date:

		X4544	X4460	X4385	X3118	X2965	X2964	X2922			
		X4283	X4284	X4285	X4286	X4287	X4288	X4290			
Compound	Spike	X4275	X4277	X4278	X4280	X4281	X4282	X4291	AVG	STD DEV	MDL
NITROBENZENE	2.00	1.48	1.48	1.50	1.58	1.23	1.30	1.50	1.44	0.12	0.39
PENTACHLOROPHENOL	4.00	1.69	1.74	1.79	1.55	1.24	1.58	1.58	1.60	0.18	0.57
PHENANTHRENE	2.00	1.61	1.63	1.62	1.68	1.41	1.58	1.58	1.59	0.09	0.27
PHENOL	4.00	11.89	10.41	10.03	7.63	8.69	20.63	7.41	10.96	4.55	14.31 *
PYRENE	2.00	1.53	1.58	1.41	1.52	1.42	1.40	1.35	1.46	0.08	0.27
PYRIDINE	2.00	1.08	0.63	0.30	0.76	0.54	0.73	0.49	0.65	0.25	0.77

METHOD DETECTION LIMIT STUDY

Method: SW846 Method 8081 Matix: Water
Prep. Method:Seperatory Funnel 3510 Sample Amount: 1 Liter
Instrument ID: GC08 Channel A Detector: ECD
Column ID: 198 Phase: Rtx-CLPest. Length: 30 Meters ID: 0.53 m Film Thickness: 0.50 um

Compound	SPIKE CONC. (ug/L)	#1 MDL 1 (ug/L)	#2 MDL 2 (ug/L)	#3 MDL 3 (ug/L)	#4 MDL 4 (ug/L)	#5 MDL 5 (ug/L)	#6 MDL 6 (ug/L)	#7 MDL 7 (ug/L)	#8 MDL 8 (ug/L)	Average Conc. (ug/L)	Standard Deviation	MDL (ug/L)	PQL (ug/L)
ALPHA-BHC	0.050	0.0455	0.0472	0.0425	0.0543	0.0500	0.0494	0.0477	0.0496	0.0455	0.0035	0.0104	0.050
BETA-BHC	0.050	0.0490	0.0478	0.0398	0.0558	0.0602	0.0537	0.0586	0.0541	0.0524	0.0066	0.0199	0.050
GAMMA-BHC(LINDANE)	0.050	0.0454	0.0467	0.0403	0.0518	0.0493	0.0498	0.0490	0.0490	0.0477	0.0035	0.0106	0.050
DELTA-BHC	0.050	0.0535	0.0527	0.0516	0.0576	0.0546	0.0568	0.0568	0.0550	0.0548	0.0021	0.0064	0.050
HEPTACHLOR	0.050	0.0379	0.0400	0.0322	0.0453	0.0411	0.0426	0.0416	0.0420	0.0403	0.0039	0.0117	0.050
ALDRIN	0.050	0.0429	0.0451	0.0384	0.0503	0.0467	0.0485	0.0470	0.0474	0.0458	0.0037	0.0111	0.050
HEPTACHLOR EPOXIDE	0.050	0.0467	0.0473	0.0432	0.0539	0.0506	0.0525	0.0511	0.0508	0.0495	0.0035	0.0105	0.050
GAMMA-CHLORDANE	0.050	0.0475	0.0473	0.0441	0.0539	0.0509	0.0531	0.0514	0.0513	0.0499	0.0033	0.0100	0.050
ENDOSULFAN I	0.050	0.0466	0.0471	0.0441	0.0535	0.0510	0.0520	0.0512	0.0511	0.0496	0.0032	0.0097	0.050
ALPHA-CHLORDANE	0.050	0.0469	0.0468	0.0439	0.0538	0.0509	0.0527	0.0512	0.0515	0.0497	0.0034	0.0103	0.050
DIELDRIN	0.050	0.0490	0.0494	0.0466	0.0553	0.0528	0.0531	0.0531	0.0531	0.0516	0.0029	0.0087	0.10
4,4'-DDE	0.050	0.0497	0.0495	0.0488	0.0550	0.0528	0.0538	0.0527	0.0528	0.0519	0.0023	0.0068	0.10
ENDRIN	0.050	0.0476	0.0474	0.0457	0.0530	0.0504	0.0514	0.0507	0.0478	0.0493	0.0025	0.0074	0.10
ENDOSULFAN II	0.050	0.0481	0.0484	0.0491	0.0555	0.0525	0.0539	0.0537	0.0534	0.0518	0.0029	0.0086	0.10
4,4'-DDD	0.050	0.0517	0.0518	0.0527	0.0578	0.0552	0.0574	0.0567	0.0562	0.0549	0.0025	0.0075	0.10
ENDRIN ALDEHYDE	0.050	0.0474	0.0481	0.0510	0.0567	0.0520	0.0555	0.0535	0.0521	0.0520	0.0033	0.0097	0.10
ENDOSULFAN SULFATE	0.050	0.0506	0.0520	0.0531	0.0578	0.0554	0.0561	0.0563	0.0536	0.0544	0.0024	0.0073	0.10
4,4'-DDT	0.050	0.0452	0.0451	0.0468	0.0509	0.0485	0.0502	0.0499	0.0471	0.0480	0.0023	0.0068	0.10
ENDRIN KETONE	0.050	0.0511	0.0512	0.0536	0.0587	0.0557	0.0574	0.0571	0.0564	0.0552	0.0029	0.0086	0.10
METHOXYCHLOR	0.050	0.0402	0.0402	0.0430	0.0474	0.0451	0.0464	0.0459	0.0419	0.0438	0.0028	0.0085	0.50
RESULT FILES		8QA1163.rst	8QA1164.rst	8QA1165.rst	8QA1166.rst	8QA1167.rst	8QA1168.rst	8QA1169.rst	8QA1170.rst				
Date Analyzed		1/19/00	1/19/00	1/19/00	1/19/00	1/19/00	1/19/00	1/19/00	1/19/00				
Analyst		DBG	DBG	DBG	DBG	DBG	DBG	DBG	DBG		t value =	2.9980	

METHOD DETECTION LIMIT STUDY

Method: SW846 Method 8081 Matix: Water
Prep. Method:Seperatory Funnel 3510 Sample Amount: 1 Liter
Instrument ID: GC08 Channel B Detector: ECD
Column ID: 199 Phase: Rtx-CLPest. 1 Length: 30 Meters ID: 0.53 m Film Thickness: 0.50 um

Compound	SPIKE CONC. (ug/L)	#1 MDL 1 (ug/L)	#2 MDL 2 (ug/L)	#3 MDL 3 (ug/L)	#4 MDL 4 (ug/L)	#5 MDL 5 (ug/L)	#6 MDL 6 (ug/L)	#7 MDL 7 (ug/L)	#8 MDL 8 (ug/L)	Average Conc. (ug/L)	Standard Deviation	MDL (ug/L)	PQL (ug/L)
ALPHA-BHC	0.050	0.0505	0.0523	0.0476	0.0582	0.0552	0.0549	0.0531	0.0546	0.053	0.0032	0.0097	0.050
GAMMA-BHC(LINDANE)	0.050	0.0510	0.0519	0.0456	0.0582	0.0550	0.0553	0.0542	0.0542	0.053	0.0038	0.0113	0.050
HEPTACHLOR	0.050	0.0396	0.0404	0.0320	0.0454	0.0413	0.0431	0.0401	0.0411	0.040	0.0039	0.0116	0.050
ALDRIN	0.050	0.0544	0.0538	0.0516	0.0622	0.0570	0.0662	0.0597	0.0558	0.058	0.0048	0.0145	0.050
BETA-BHC	0.050	0.0512	0.0506	0.0435	0.0579	0.0533	0.0565	0.0546	0.0544	0.053	0.0045	0.0134	0.050
DELTA-BHC	0.050	0.0583	0.0579	0.0550	0.0628	0.0598	0.0616	0.0608	0.0594	0.059	0.0024	0.0073	0.050
HEPTACHLOR EPOXIDE	0.050	0.0494	0.0497	0.0456	0.0560	0.0529	0.0548	0.0537	0.0531	0.052	0.0034	0.0102	0.050
ENDOSULFAN I	0.050	0.0496	0.0497	0.0467	0.0556	0.0531	0.0545	0.0537	0.0532	0.052	0.0030	0.0091	0.050
GAMMA-CHLORDANE	0.050	0.0487	0.0486	0.0454	0.0547	0.0522	0.0539	0.0526	0.0522	0.051	0.0032	0.0095	0.050
ALPHA-CHLORDANE	0.050	0.0491	0.0489	0.0465	0.0553	0.0525	0.0545	0.0529	0.0523	0.052	0.0030	0.0091	0.050
4,4'-DDE	0.050	0.0512	0.0510	0.0496	0.0563	0.0543	0.0558	0.0548	0.0544	0.053	0.0025	0.0074	0.10
DIELDRIN	0.050	0.0530	0.0531	0.0519	0.0589	0.0562	0.0579	0.0573	0.0568	0.056	0.0026	0.0078	0.10
ENDRIN	0.050	0.0474	0.0469	0.0456	0.0525	0.0499	0.0506	0.0500	0.0467	0.049	0.0024	0.0071	0.10
ENDOSULFAN II	0.050	0.0492	0.0493	0.0506	0.0563	0.0531	0.0543	0.0539	0.0537	0.053	0.0026	0.0077	0.10
4,4'-DDD	0.050	0.0529	0.0529	0.0537	0.0588	0.0561	0.0585	0.0576	0.0569	0.056	0.0024	0.0073	0.10
4,4'-DDT	0.050	0.0470	0.0467	0.0482	0.0522	0.0504	0.0511	0.0511	0.0486	0.049	0.0021	0.0062	0.10
ENDRIN ALDEHYDE	0.050	0.0487	0.0501	0.0523	0.0582	0.0549	0.0570	0.0550	0.0536	0.054	0.0033	0.0098	0.10
ENDOSULFAN SULFATE	0.050	0.0542	0.0549	0.0564	0.0607	0.0586	0.0584	0.0591	0.0566	0.057	0.0022	0.0066	0.10
METHOXYCHLOR	0.050	0.0421	0.0419	0.0441	0.0481	0.0457	0.0463	0.0465	0.0428	0.045	0.0023	0.0069	0.10
ENDRINE KETONE	0.050	0.0555	0.0557	0.0569	0.0623	0.0590	0.0603	0.0602	0.0597	0.059	0.0024	0.0073	0.50
RESULT FILES		8QA2163.rst	8QA2164.rst	8QA2165.rst	8QA2166.rst	8QA2167.rst	8QA2168.rst	8QA2169.rst	8QA2170.rst				
Date Analyzed		1/19/00	1/19/00	1/19/00	1/19/00	1/19/00	1/19/00	1/19/00	1/19/00				
Analyst		DBG	DBG	DBG	DBG	DBG	DBG	DBG	DBG		t value =	2.9980	

Katahdin Analytical Services, Inc.
Method Detection Limit Study

Instrument Name:	TJA Trace 61
Instrument ID:	A
Matrix:	Aqueous
Prep Method:	EPA 3010A
Analysis Method:	EPA 6010B

Element	Run ID	Spike (ug/L)	Rep.1 (ug/L)	Rep.2 (ug/L)	Rep.3 (ug/L)	Rep.4 (ug/L)	Rep.5 (ug/L)	Rep.6 (ug/L)	Rep.7 (ug/L)	Rep.8 (ug/L)	Rep.9 (ug/L)	Rep.10 (ug/L)	AVG (ug/L)	Rcvy (%)	Std.Dev. (ug/L)	MDL (ug/L)
Aluminum	AQC07A	40.00	42.57	48.86	51.68	48.60	52.27	50.65	54.17	54.56	59.07	61.46	52.39	131.0	5.391	15.208
Antimony	AQC07A	6.00	6.95	7.20	7.63	6.86	8.29	6.37	6.77	6.00	5.75	6.46	6.83	113.8	0.755	2.130
Arsenic	AQC07A	6.00	4.37	4.05	3.76	5.32	4.32	4.76	3.64	5.30	4.14	4.87	4.45	74.2	0.593	1.672
Barium	AQC07A	0.40	O0.78	0.56	0.62	0.62	0.58	0.61	0.59	0.56	0.58	0.61	0.59	148.1	0.024	0.069
Beryllium	AQC07A	0.40	0.46	0.44	0.42	0.41	0.43	0.44	0.39	0.43	0.43	0.42	0.43	106.8	0.019	0.053
Boron	AQC07A	4.00	4.68	4.49	4.00	4.59	3.92	4.90	4.23	3.87	4.69	3.88	4.33	108.1	0.390	1.101
Cadmium	AQC07A	0.60	0.85	0.83	0.81	0.84	0.73	0.69	0.78	0.72	0.74	0.83	0.78	130.3	0.058	0.163
Calcium	AQC07A	20.00	O22.41	16.07	15.34	15.25	14.63	14.40	11.95	11.62	13.38	10.84	13.72	68.6	1.862	5.392
Chromium	AQC07A	2.00	2.44	2.62	2.45	2.59	2.42	2.93	2.62	2.72	2.38	2.85	2.60	130.1	0.187	0.528
Cobalt	AQC07A	2.00	2.79	2.47	3.03	2.31	2.57	2.65	2.54	2.53	2.35	2.85	2.61	130.5	0.226	0.636
Copper	AQC07A	2.00	2.64	2.24	2.46	2.20	2.02	2.37	2.08	2.54	1.98	2.28	2.28	114.1	0.222	0.626
Iron	AQC13A	30.00	41.72	44.03	38.56	29.91	51.38	38.19	32.58	40.11	56.69	34.02	40.72	135.7	8.300	23.416
Lead	AQC07A	4.00	5.96	5.65	4.20	4.97	6.09	5.79	5.20	5.01	5.58	5.84	5.43	135.7	0.581	1.639
Magnesium	AQC07A	20.00	24.32	22.39	22.41	24.23	22.96	25.67	23.66	21.75	22.84	22.58	23.28	116.4	1.179	3.327
Manganese	AQC07A	0.40	0.64	0.62	0.76	0.63	0.67	0.60	0.68	0.72	0.75	0.73	0.68	170.0	0.057	0.162
Molybdenum	AQC07A	3.00	4.06	3.98	4.11	3.60	2.87	3.66	4.23	3.23	3.32	3.38	3.64	121.5	0.446	1.259
Nickel	AQC07A	2.00	2.35	2.23	3.13	3.16	2.42	2.53	2.38	2.49	2.47	2.78	2.59	129.7	0.323	0.912
Selenium	AQC07A	8.00	5.93	5.66	7.77	6.34	7.19	7.40	o3.91	7.64	6.54	6.11	6.73	84.1	0.785	2.273
Silver	AQC07A	3.00	4.40	3.78	3.55	3.74	3.07	3.91	3.37	3.26	3.42	3.71	3.62	120.7	0.377	1.064
Strontium	AQC13A	0.10	o0.00	0.07	0.07	0.09	0.07	0.05	0.07	0.09	0.07	0.06	0.07	71.1	0.013	0.037
Thallium	AQC07A	10.00	11.55	10.39	10.46	11.64	12.04	10.56	12.53	10.53	10.44	11.70	11.18	111.8	0.794	2.241
Tin	AQC07A	6.00	7.02	6.54	5.08	5.47	7.01	6.92	5.69	5.83	5.89	7.63	6.31	105.1	0.828	2.336
Titanium	AQC07A	1.00	0.68	0.75	0.96	1.11	1.06	0.93	0.75	0.84	0.67	0.82	0.86	85.7	0.153	0.433
Vanadium	AQC07A	2.00	2.19	2.30	2.05	2.50	2.19	2.20	2.71	2.48	2.23	2.27	2.31	115.6	0.195	0.550
Zinc	AQC07A	1.00	1.63	1.45	1.69	1.39	1.49	1.65	1.63	1.52	1.74	1.84	1.60	160.3	0.139	0.393

Notes: "O" denotes a high statistical outlier, as determined by the Q-test
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Outliers have not been used in calculation of MDLs.

Katahdin Analytical Services, Inc.
Method Detection Limit Study

Instrument Name:	TJA ICAP 61
Instrument ID:	B
Matrix:	Aqueous
Prep Method:	EPA 3010A
Analysis Method:	EPA 6010B

Element	Run ID	Spike (ug/L)	Rep.1 (ug/L)	Rep.2 (ug/L)	Rep.3 (ug/L)	Rep.4 (ug/L)	Rep.5 (ug/L)	Rep.6 (ug/L)	Rep.7 (ug/L)	Rep.8 (ug/L)	Rep.9 (ug/L)	Rep.10 (ug/L)	AVG (ug/L)	Rcvy (%)	Std.Dev. (ug/L)	MDL (ug/L)
Aluminum	BQC03A	50.00	45.58	52.44	46.11	50.73	49.73	45.76	52.26	51.19	49.15	47.83	49.08	98.2	2.639	7.443
Antimony	BQC03A	20.00	7.54	5.89	14.68	5.83	20.20	8.82	8.74	26.48	15.21	17.45	13.08	65.4	6.899	19.462
Barium	BQC03A	1.50	1.22	1.55	1.20	1.19	1.19	1.20	1.36	1.75	1.27	1.03	1.30	86.4	0.209	0.589
Beryllium	BQC03A	1.00	1.06	0.77	1.05	0.78	o0.51	0.78	0.79	1.05	1.03	0.77	0.90	89.8	0.142	0.412
Boron	BQC03A	20.00	16.51	O22.21	16.34	16.07	16.17	17.44	17.24	15.49	18.35	18.71	16.92	84.6	1.087	3.149
Cadmium	BQC03A	5.00	3.36	7.23	5.40	5.87	5.41	4.50	4.92	5.54	4.77	4.61	5.16	103.2	1.013	2.859
Calcium	BQC03A	50.00	28.51	32.21	38.17	37.33	39.37	45.75	45.29	46.04	40.76	43.28	39.67	79.3	5.882	16.593
Chromium	BQC03A	10.00	6.06	6.02	9.01	11.84	2.95	2.98	5.92	9.22	3.21	9.03	6.62	66.2	3.074	8.671
Cobalt	BQC03A	10.00	12.59	11.72	12.09	11.93	10.05	11.66	12.73	12.30	9.37	10.16	11.46	114.6	1.172	3.307
Copper	BQC03A	5.00	4.94	3.91	2.91	2.82	2.86	2.89	2.83	5.99	3.20	3.89	3.62	72.5	1.084	3.057
Iron	BQC03A	15.00	18.06	14.29	15.45	17.20	13.69	18.18	15.19	14.59	18.82	21.93	16.74	111.6	2.567	7.240
Magnesium	BQC03A	50.00	55.83	61.05	51.23	53.40	59.16	53.90	53.44	67.49	48.72	54.16	55.84	111.7	5.417	15.283
Manganese	BQC03A	2.00	2.60	2.59	2.58	O8.95	2.56	2.58	2.55	2.62	O2.68	2.59	2.58	129.2	0.022	0.066
Nickel	BQC03A	20.00	25.21	14.84	29.67	16.56	23.25	22.58	18.93	15.06	18.64	17.94	20.27	101.3	4.799	13.537
Potassium	BQC03A	1000.00	1175.97	983.53	722.52	883.37	1017.34	691.45	886.00	951.63	968.00	1002.18	928.20	92.8	142.263	401.324
Selenium	BQC03A	50.00	50.27	59.29	35.11	36.57	47.77	55.37	53.04	63.79	49.74	50.08	50.10	100.2	8.954	25.260
Silicon	BQC03A	50.00	43.26	35.85	29.84	27.23	19.53	11.37	22.08	18.07	20.33	17.48	24.50	49.0	9.590	27.053
Silver	BQC03A	9.00	10.70	10.67	10.67	10.62	10.62	10.64	O11.41	10.73	9.97	9.86	10.50	116.6	0.333	0.966
Sodium	BQC03A	50.00	69.84	67.14	61.61	65.22	59.81	67.91	64.67	66.94	66.44	72.80	66.24	132.5	3.748	10.572
Vanadium	BQC03A	10.00	9.59	11.43	11.41	11.29	9.42	9.47	9.41	9.66	11.80	11.46	10.49	104.9	1.048	2.955
Zinc	BQC03A	3.00	5.24	4.24	4.19	3.90	3.65	5.17	3.39	5.08	3.96	3.99	4.38	146.0	0.863	2.434

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Outliers have not been included in calculation of MDLs.

Katahdin Analytical Services, Inc.
Method Detection Limit Study

Instrument Name:	Leeman PS200
Instrument ID:	D
Matrix:	Aqueous
Prep Method:	EPA 7470A
Analysis Method:	EPA 7470A

Element	Run ID	Spike (ug/L)	Rep.1 (ug/L)	Rep.2 (ug/L)	Rep.3 (ug/L)	Rep.4 (ug/L)	Rep.5 (ug/L)	Rep.6 (ug/L)	Rep.7 (ug/L)	Rep.8 (ug/L)	Rep.9 (ug/L)	Rep.10 (ug/L)	AVG (ug/L)	Rcvy (%)	Std.Dev. (ug/L)	MDL (ug/L)
Mercury	DQB17B	0.10	0.08	0.10	0.10	0.11	0.11	0.13	0.06	0.08	0.10		0.10	95.6	0.020	0.057

Notes: "O" denotes a high statistical outlier, as determined by the Q-test
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Katahdin Analytical Services, Inc.
Method Detection Limit Study

Instrument Name:	TJA Trace ICP
Instrument ID:	A
Matrix:	Soil
Prep Method:	EPA 3050B
Analysis Method:	EPA 6010B

Element	Run ID	Spike (ug/L)	Rep.1 (ug/L)	Rep.2 (ug/L)	Rep.3 (ug/L)	Rep.4 (ug/L)	Rep.5 (ug/L)	Rep.6 (ug/L)	Rep.7 (ug/L)	Rep.8 (ug/L)	Rep.9 (ug/L)	Rep.10 (ug/L)	AVG (ug/L)	Rcvy (%)	Std.Dev. (ug/L)	MDL (ug/L)	MDL (mg/kg)
Aluminum	AQC07A	40.00	63.52	69.41	63.21	64.66	62.05	64.46	79.64	73.07	89.28	O121.36	69.92	174.8	9.253	26.795	2.680
Antimony	AQC07A	6.00	6.75	5.53	6.17	7.64	6.00	6.58	5.64	5.58	5.75	5.14	6.08	101.3	0.737	2.078	0.208
Arsenic	AQC07A	6.00	4.61	4.75	3.38	4.50	4.21	3.76	3.38	3.96	4.25	3.48	4.03	67.1	0.514	1.451	0.145
Barium	AQC07A	0.40	1.20	2.64	1.00	2.75	1.69	5.33	1.99	1.69	1.02	3.63	2.29	573.5	1.360	3.837	0.384
Beryllium	AQC07A	0.40	0.45	0.46	0.45	o0.41	0.48	0.49	0.50	0.49	0.47	0.46	0.47	118.1	0.019	0.054	0.005
Boron	AQC07A	4.00	7.93	9.04	5.75	7.82	11.79	13.00	10.38	16.90	9.52	17.39	10.95	273.8	3.855	10.875	1.088
Cadmium	AQC07A	0.60	0.83	0.75	0.78	0.75	0.71	0.79	0.80	0.86	0.93	0.84	0.80	134.0	0.064	0.180	0.018
Calcium	AQC07A	20.00	14.84	15.05	14.20	13.29	13.14	15.54	13.81	O30.82	O55.14	O117.35	14.27	71.3	0.913	2.869	0.287
Chromium	AQC07A	2.00	2.95	3.29	2.79	3.46	2.91	2.75	3.03	3.10	2.85	2.66	2.98	149.0	0.249	0.702	0.070
Cobalt	AQC07A	2.00	2.69	2.80	2.50	2.63	2.43	2.23	2.24	2.32	2.29	2.11	2.42	121.2	0.226	0.637	0.064
Copper	AQC07A	2.00	2.13	O2.79	2.17	2.26	2.35	1.83	2.28	2.03	1.99	2.01	2.12	105.8	0.167	0.482	0.048
Iron	AQC07A	30.00	30.41	32.25	40.03	39.45	34.81	41.82	55.21	34.29	49.30	37.75	39.53	131.8	7.716	21.768	2.177
Lead	AQC07A	4.00	5.01	5.25	6.08	5.00	5.16	4.98	5.45	5.76	5.20	5.14	5.30	132.6	0.362	1.020	0.102
Magnesium	AQC07A	20.00	22.00	25.89	22.17	23.93	22.16	20.30	23.02	25.36	26.23	O33.14	23.45	117.3	2.033	5.888	0.589
Manganese	AQC07A	0.40	0.75	0.63	0.62	0.80	0.62	0.55	0.63	0.61	0.62	0.75	0.66	164.5	0.080	0.224	0.022
Molybdenum	AQC07A	3.00	4.67	4.08	3.54	4.25	3.00	3.20	2.86	3.86	3.89	3.66	3.70	123.4	0.570	1.609	0.161
Nickel	AQC07A	2.00	3.08	2.89	2.88	2.50	2.50	2.79	2.49	3.06	2.49	2.54	2.72	136.1	0.245	0.691	0.069
Selenium	AQC07A	8.00	7.07	7.47	6.01	6.94	7.50	5.47	6.51	7.99	7.09	6.48	6.85	85.7	0.752	2.120	0.212
Silver	AQC07A	3.00	3.65	4.28	3.53	4.46	3.70	3.33	3.23	3.67	3.48	3.57	3.69	123.0	0.390	1.100	0.110
Strontium	AQC13A	0.10	0.11	0.14	0.09	0.13	0.11	0.15	0.13	0.11	0.22	0.27	0.15	146.0	0.056	0.159	0.016
Thallium	AQC07A	10.00	8.15	8.61	8.81	12.15	7.91	9.69	10.64	9.52	8.95	9.01	9.34	93.4	1.259	3.553	0.355
Tin	AQC07A	6.00	40.92	41.31	43.17	41.09	40.30	39.66	39.79	39.80	38.59	37.24	40.19	669.8	1.611	4.543	0.454
Titanium	AQC07A	1.00	1.48	1.56	1.35	1.38	0.84	1.27	1.39	1.86	2.25	1.95	1.53	153.3	0.398	1.123	0.112
Vanadium	AQC07A	2.00	2.28	2.68	2.53	2.21	2.16	2.34	2.31	2.77	1.99	2.58	2.39	119.3	0.247	0.698	0.070
Zinc	AQC07A	1.00	1.45	2.04	1.83	1.22	1.30	1.55	2.34	1.48	1.21	2.35	1.68	167.7	0.438	1.234	0.123

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Outliers have not been included in calculation of MDLs.

Katahdin Analytical Services, Inc.
Method Detection Limit Study

Instrument Name:	TJA ICAP 61
Instrument ID:	B
Matrix:	Soil
Prep Method:	EPA 3050B
Analysis Method:	EPA 6010B

Element	Run ID	Spike (ug/L)	Rep.1 (ug/L)	Rep.2 (ug/L)	Rep.3 (ug/L)	Rep.4 (ug/L)	Rep.5 (ug/L)	Rep.6 (ug/L)	Rep.7 (ug/L)	Rep.8 (ug/L)	Rep.9 (ug/L)	Rep.10 (ug/L)	AVG (ug/L)	Rcvy (%)	Std.Dev. (ug/L)	MDL (ug/L)	MDL (mg/kg)
Aluminum	BQC03A	50.00	66.19	59.21	58.52	61.83	60.51	58.23	58.13	66.64	57.88	o46.12	60.79	121.6	3.433	9.942	0.994
Antimony	BQC03A	20.00	23.11	-1.23	20.59	16.94	17.20	21.51	12.39	21.38	7.90	9.26	14.91	74.5	7.762	21.896	2.190
Barium	BQC03A	1.50	2.38	1.47	1.40	O7.79	2.03	1.84	2.75	2.54	1.99	1.44	1.98	132.1	0.497	1.440	0.144
Beryllium	BQC03A	1.00	1.60	1.60	1.34	1.62	1.30	1.32	1.31	1.32	1.32	1.32	1.41	140.5	0.140	0.394	0.039
Boron	BQC03A	20.00	20.05	19.93	21.19	21.05	22.65	24.96	26.20	29.58	23.34	19.58	22.85	114.3	3.237	9.132	0.913
Cadmium	BQC03A	5.00	6.68	5.77	3.56	3.92	4.85	6.23	6.23	6.69	3.89	6.18	5.50	110.0	1.301	3.669	0.367
Calcium	BQC03A	50.00	50.71	39.42	51.26	42.85	45.94	39.23	43.78	39.85	52.55	38.06	44.37	88.7	5.486	15.476	1.548
Chromium	BQC03A	10.00	9.64	O12.79	9.15	6.42	9.75	9.69	6.48	9.58	9.52	9.47	8.86	88.6	1.375	3.981	0.398
Cobalt	BQC03A	10.00	12.82	12.36	8.29	9.03	10.00	14.50	11.61	12.30	10.21	10.97	11.21	112.1	1.882	5.310	0.531
Copper	BQC03A	5.00	5.40	4.34	3.01	3.28	3.39	2.33	4.39	4.31	3.25	4.21	3.79	75.8	0.892	2.515	0.251
Iron	BQC03A	15.00	18.86	26.82	12.09	27.11	16.90	21.03	13.82	16.57	13.95	10.12	17.73	118.2	5.813	16.398	1.640
Magnesium	BQC03A	50.00	59.77	55.16	58.81	44.85	57.15	70.11	62.72	56.47	57.61	60.24	58.29	116.6	6.334	17.869	1.787
Manganese	BQC03A	2.00	2.04	2.72	1.94	2.71	2.74	2.73	2.73	2.71	3.37	1.34	2.50	125.2	0.570	1.609	0.161
Nickel	BQC03A	20.00	18.62	13.59	19.86	24.59	24.08	10.66	6.26	20.07	26.48	19.47	18.37	91.8	6.432	18.146	1.815
Potassium	BQC03A	1000.00	1096.94	1061.07	1008.53	849.58	1208.46	1424.61	1171.93	1061.25	1243.58	1136.56	1126.25	112.6	153.287	432.422	43.242
Selenium	BQC03A	50.00	46.63	52.38	65.29	56.00	66.56	38.76	56.49	52.19	65.40	49.79	54.95	109.9	8.985	25.347	2.535
Silicon	BQC03A	50.00	81.02	76.16	91.33	104.98	93.44	97.63	125.78	O192.14	127.44	91.31	98.79	197.6	17.878	51.775	5.178
Silver	BQC03A	9.00	10.09	9.22	9.07	9.18	8.38	9.21	9.24	10.05	9.18	8.31	9.19	102.1	0.577	1.628	0.163
Sodium	BQC03A	50.00	75.80	78.97	63.60	O127.81	75.54	79.58	95.87	92.62	77.01	67.02	78.45	156.9	10.455	30.279	3.028
Vanadium	BQC03A	10.00	14.04	14.01	11.55	9.95	14.13	10.03	12.04	11.95	11.89	11.84	12.14	121.4	1.522	4.295	0.429
Zinc	BQC03A	3.00	5.15	3.32	4.07	5.05	3.61	4.64	4.40	4.30	4.24	3.72	4.25	141.7	0.598	1.686	0.169

Notes: "O" denotes a high statistical outlier, as determined by the Q-test
"o" denotes a high statistical outlier, as determined by the Q-test
Outliers have not been included in calculation of MDLs.

Katahdin Analytical Services, Inc.
Method Detection Limit Study

Instrument Name:	Leeman PS200
Instrument ID:	D
Matrix:	Soil
Prep Method:	EPA 7471A
Analysis Method:	EPA 7471A

Element	Run ID	Spike (ug/L)	Rep.1 (ug/L)	Rep.2 (ug/L)	Rep.3 (ug/L)	Rep.4 (ug/L)	Rep.5 (ug/L)	Rep.6 (ug/L)	Rep.7 (ug/L)	Rep.8 (ug/L)	Rep.9 (ug/L)	Rep.10 (ug/L)	AVG (ug/L)	Rcvy (%)	Std.Dev. (ug/L)	MDL (ug/L)	MDL (mg/kg)
Mercury	DQB01A	0.10	o0.08	0.13	0.14	0.16	0.13	0.14	0.16	0.14	0.16		0.14	144.0	0.013	0.038	0.0038

Notes: "O" denotes a high statistical outlier, as determined by the Q-test
"o" denotes a high statistical outlier, as determined by the Q-test
Outliers have not been included in calculation of MDLs.

Appendix D

Analytical Report Form I Data Tables

D.1 Ground-Water Samples Sites 1 and 3
D.2 Ground-Water Samples Eastern Plume
D.3 Aqueous Samples Ground-Water Extraction and Treatment System
D.4 Surface Water Samples Sites 1 and 3
D.5 Surface Water Samples Eastern Plume
D.6 Sediment Samples Sites 1 and 3
D.7 Leachate Station Sediment Samples Sites 1 and 3
D.8 Leachate Station Seep Samples Sites 1 and 3
D.9 Diffusion Samples Eastern Plume

Appendix D.1

Ground-Water Samples
Sites 1 and 3

APPENDIX D.1

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Monitoring Wells	
BN-16-S1-MW202A	MW-202A
BN-16-S1-MW203	MW-203
BN-16-S1-MW204	MW-204
BN-16-S1-MW217B	MW-217B
BN-16-S1-MW218	MW-218
BN-16-S1-MWXD1	MW-218 – Duplicate
BN-16-S1-MW219	MW-219
BN-16-S1-MW240	MW-240
BN-16-S1-MW2101	MW-2101
Trip Blank	
BN-16-EP-QT001 (4/13)	Trip Blank

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Client: EA Engineering
Contact: Sue Chase
Phone #: (207) 798-5977
Fax #: (207) 798-4686
Address: 3 Washington Center
City: Newburgh
State: NY
Zip Code: 12550
Purchase Order #:
Proj. Name / No.: LTMP Event 16
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WQ1002 -*
KATAHDIN PROJECT MANAGER
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☒N)	TAL Elements (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-16-SI-MW202A	4/12/00/1415	W	4	X	X								
	BN-16-SI-MW203	4/12/00/1510	W	4	X	X								
	BN-16-SI-MW204	4/12/00/1523	W	4	X	X								
	BN-16-SI-MW217B	4/12/00/1115	W	4	X	X								
	BN-16SI-MW240	4/12/00/1453	W	9	X		MS/MSD							
	BN-16SI MW240	4/12/00/1453	W	2		X		MS						
	BN-16-SI-MW2101	4/12/00/1055	W	4	X	X								
	BN-16-SI-MW218	4/13/00/1015	W	4	X	X								
	BN-16-SI-MWXD1	4/13/00/—	W	4	X	X								
	BN-16-SI MW219	4/13/00/930	W	4	X	X								
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS: Samples began + end SDG # BN-16-SI MW203A

Please send Sue Chase @ Brunswick a copy of the COC and Form Is.

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	4/14/00 1000	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: ( ) 775-5977

Fax #: ( ) 775-4[illegible]

Address:

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: EV+16

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

Copies To:

LAB USE ONLY

WORK ORDER #: WQ1004

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	BN-16-EP-SW10 MS/MSD	4/13 / 1048	W	9	X										
✓	BN-16EPSW11	4/13 / 1017	W	3	X										
✓	BN-16EPSW12	4/13 / 0942	W	3	X										
✓	BN-16-EPSW13	4/13 / 1030	W	3	X										
✓	BN-16-EPSW14	4/13 / 1008	W	3	X										
✓	BN-16-EPSW101	4/13 / —	W	3	X										
✓	BN-16-EP-GW00	4/13 / 0920	W	3	X										
✓	BN-16-EP-Seep11	4/13 / 1125	W	3	X										
✓	BN-16-EP-Seep10	4/13 / 1105	W	3	X										
✓	BN-16-EP-QT001	4/13 / 1030	W	3	X										
		/													
		/													
		/													
		/													
		/													
		/													

COMMENTS: Begins and ends SPG BN-16 EPSW10
Please forward COC + Form I's to Sue at Brunswick

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mike	4/14/00 1000	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-1
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/17/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW202A	AQ	4/12/00	4/14/00	4/17/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	4	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	41	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	3	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	4	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	3	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	14	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-1
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/17/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW202A	AQ	4/12/00	4/14/00	4/17/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	103	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	88	%	1.0		
1,2-DICHLOROETHANE-D4	103	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-2
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW203	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	J0.8	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.5	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-2
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW203	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	104	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	92	%	1.0		
1,2-DICHLOROETHANE-D4	105	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-3
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW204	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-3
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW204	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	101	%	1.0		
TOLUENE-D8	105	%	1.0		
P-BROMOFLUOROBENZENE	91	%	1.0		
1,2-DICHLOROETHANE-D4	105	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-4
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW217B	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	21	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	<2	ug/L	2.0	2	1.0
ACETONE	<10	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	<2	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	<2	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	4	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	<2	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	4	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	<2	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	3	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-4
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW217B	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	210	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	45	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	95	%	2.0		
TOLUENE-D8	103	%	2.0		
P-BROMOFLUOROBENZENE	100	%	2.0		
1,2-DICHLOROETHANE-D4	87	%	2.0		

Report Notes: O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-7
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MWXD1	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-7
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MWXD1	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	96	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	103	%	1.0		
1,2-DICHLOROETHANE-D4	88	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-8
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW219	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-8
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW219	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	97	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	103	%	1.0		
1,2-DICHLOROETHANE-D4	92	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-9
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW240	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-9
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW240	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	95	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	99	%	1.0		
1,2-DICHLOROETHANE-D4	86	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-5
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW2101	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-5
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW2101	AQ	4/12/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	J0.5	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	97	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	90	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	114	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	106	%	1.0		
1,2-DICHLOROETHANE-D4	119	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-6
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW218	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1002-6
SDG: BN16S1MW202A
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-MW218	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	95	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	100	%	1.0		
1,2-DICHLOROETHANE-D4	86	%	1.0		

Report Notes:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-MW202A

Matrix: WATER | SDG Name: BN16S1MW202A

Percent Solids: 0.00 | Lab Sample ID: WQ1002-001

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	20.3	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	52.6			P	1
7440-41-7	BERYLLIUM	0.56	U		P	1
7440-43-9	CADMIUM	2.61	U		P	1
7440-70-2	CALCIUM	124000			P	1
7440-47-3	CHROMIUM	4.02	U		P	1
7440-48-4	COBALT	13.3	B		P	1
7440-50-8	COPPER	1.93	U		P	1
7439-89-6	IRON	5300			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	13200			P	1
7439-96-5	MANGANESE	1030			P	1
7439-97-6	MERCURY	0.02	U		CV	1
7440-02-0	NICKEL	23.1	B		P	1
7440-09-7	POTASSIUM	6340			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	2.74	U		P	1
7440-23-5	SODIUM	12600			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	4.9	B		P	1
7440-66-6	ZINC	2.6	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-MW203

Matrix: WATER | SDG Name: BN16S1MW202A

Percent Solids: 0.00 | Lab Sample ID: WQ1002-002

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	40.2	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	51.3			P	1
7440-41-7	BERYLLIUM	0.56	U		P	1
7440-43-9	CADMIUM	2.61	U		P	1
7440-70-2	CALCIUM	173000			P	1
7440-47-3	CHROMIUM	647			P	1
7440-48-4	COBALT	2.98	U		P	1
7440-50-8	COPPER	29.9			P	1
7439-89-6	IRON	2680			P	1
7439-92-1	LEAD	1.8	B		P	1
7439-95-4	MAGNESIUM	29100			P	1
7439-96-5	MANGANESE	60.5			P	1
7439-97-6	MERCURY	0.02	B		CV	1
7440-02-0	NICKEL	174			P	1
7440-09-7	POTASSIUM	4780			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	2.74	U		P	1
7440-23-5	SODIUM	24100			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	7.1	B		P	1
7440-66-6	ZINC	2.3	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-MW204

Matrix: WATER | SDG Name: BN16S1MW202A

Percent Solids: 0.00 | Lab Sample ID: WQ1002-003

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	28.8	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	2.0	B		P	1
7440-41-7	BERYLLIUM	0.56	U		P	1
7440-43-9	CADMIUM	2.61	U		P	1
7440-70-2	CALCIUM	3470			P	1
7440-47-3	CHROMIUM	4.02	U		P	1
7440-48-4	COBALT	2.98	U		P	1
7440-50-8	COPPER	1.93	U		P	1
7439-89-6	IRON	62.9			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	1100			P	1
7439-96-5	MANGANESE	2.1	B		P	1
7439-97-6	MERCURY	0.02	U		CV	1
7440-02-0	NICKEL	17.4	B		P	1
7440-09-7	POTASSIUM	732	B		P	1
7782-49-2	SELENIUM	3.1	B		P	1
7440-22-4	SILVER	2.74	U		P	1
7440-23-5	SODIUM	4400			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	4.01	U		P	1
7440-66-6	ZINC	2.7	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-MW217B

Matrix: WATER | SDG Name: BN16S1MW202A

Percent Solids: 0.00 | Lab Sample ID: WQ1002-004

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	23400			P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	7.8	B		P	1
7440-39-3	BARIUM	192			P	1
7440-41-7	BERYLLIUM	1.5	B		P	1
7440-43-9	CADMIUM	2.8	B		P	1
7440-70-2	CALCIUM	107000			P	1
7440-47-3	CHROMIUM	101			P	1
7440-48-4	COBALT	45.3			P	1
7440-50-8	COPPER	37.3			P	1
7439-89-6	IRON	38700			P	1
7439-92-1	LEAD	17.0			P	1
7439-95-4	MAGNESIUM	44800			P	1
7439-96-5	MANGANESE	3110			P	1
7439-97-6	MERCURY	0.07	B		CV	1
7440-02-0	NICKEL	103			P	1
7440-09-7	POTASSIUM	10400			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	2.74	U		P	1
7440-23-5	SODIUM	212000			P	1
7440-28-0	THALLIUM	4.3	B		P	1
7440-62-2	VANADIUM	55.0			P	1
7440-66-6	ZINC	98.7			P	1

Color Before: BROWN | Clarity Before: CLOUDY

Color After: COLORLESS | Clarity After: CLEAR

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-MW218

Matrix: WATER | SDG Name: BN16S1MW202A

Percent Solids: 0.00 | Lab Sample ID: WQ1002-006

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	307			P	1
7440-36-0	ANTIMONY	2.7	B		P	1
7440-38-2	ARSENIC	106			P	1
7440-39-3	BARIUM	6.3			P	1
7440-41-7	BERYLLIUM	0.56	U		P	1
7440-43-9	CADMIUM	2.61	U		P	1
7440-70-2	CALCIUM	14500			P	1
7440-47-3	CHROMIUM	10.8	B		P	1
7440-48-4	COBALT	6.4	B		P	1
7440-50-8	COPPER	1.93	U		P	1
7439-89-6	IRON	3000			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	8770			P	1
7439-96-5	MANGANESE	681			P	1
7439-97-6	MERCURY	0.05	B		CV	1
7440-02-0	NICKEL	17.4	B		P	1
7440-09-7	POTASSIUM	9380			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	2.74	U		P	1
7440-23-5	SODIUM	267000			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	4.01	U		P	1
7440-66-6	ZINC	4.6	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-MWXD1

Matrix: WATER | SDG Name: BN16S1MW202A

Percent Solids: 0.00 | Lab Sample ID: WQ1002-007

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	198			P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	74.6			P	1
7440-39-3	BARIUM	5.0			P	1
7440-41-7	BERYLLIUM	0.56	U		P	1
7440-43-9	CADMIUM	2.61	U		P	1
7440-70-2	CALCIUM	11000			P	1
7440-47-3	CHROMIUM	7.4	B		P	1
7440-48-4	COBALT	2.98	U		P	1
7440-50-8	COPPER	1.93	U		P	1
7439-89-6	IRON	1360			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	7180			P	1
7439-96-5	MANGANESE	320			P	1
7439-97-6	MERCURY	0.03	B		CV	1
7440-02-0	NICKEL	11.90	U		P	1
7440-09-7	POTASSIUM	9270			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	2.74	U		P	1
7440-23-5	SODIUM	282000			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	4.01	U		P	1
7440-66-6	ZINC	1.55	U		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-MW219

Matrix: WATER | SDG Name: BN16S1MW202A

Percent Solids: 0.00 | Lab Sample ID: WQ1002-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	20.9	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	3.8	B		P	1
7440-41-7	BERYLLIUM	0.56	U		P	1
7440-43-9	CADMIUM	2.61	U		P	1
7440-70-2	CALCIUM	12100			P	1
7440-47-3	CHROMIUM	4.02	U		P	1
7440-48-4	COBALT	2.98	U		P	1
7440-50-8	COPPER	1.93	U		P	1
7439-89-6	IRON	34.4	B		P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	4160			P	1
7439-96-5	MANGANESE	1.34	U		P	1
7439-97-6	MERCURY	0.02	B		CV	1
7440-02-0	NICKEL	11.90	U		P	1
7440-09-7	POTASSIUM	1420			P	1
7782-49-2	SELENIUM	3.2	B		P	1
7440-22-4	SILVER	2.74	U		P	1
7440-23-5	SODIUM	7850			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	4.01	U		P	1
7440-66-6	ZINC	2.2	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-MW240

Matrix: WATER | SDG Name: BN16S1MW202A

Percent Solids: 0.00 | Lab Sample ID: WQ1002-009

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	558			P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	10.2			P	1
7440-41-7	BERYLLIUM	0.56	U		P	1
7440-43-9	CADMIUM	2.61	U		P	1
7440-70-2	CALCIUM	14500			P	1
7440-47-3	CHROMIUM	4.02	U		P	1
7440-48-4	COBALT	2.98	U		P	1
7440-50-8	COPPER	1.93	U		P	1
7439-89-6	IRON	81.6			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	2180			P	1
7439-96-5	MANGANESE	53.0			P	1
7439-97-6	MERCURY	0.04	B		CV	1
7440-02-0	NICKEL	13.7	B		P	1
7440-09-7	POTASSIUM	3570			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	2.74	U		P	1
7440-23-5	SODIUM	5280			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	4.01	U		P	1
7440-66-6	ZINC	1.8	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-16-S1-MW2101

Matrix: WATER | **SDG Name:** BN16S1MW202A

Percent Solids: 0.00 | **Lab Sample ID:** WQ1002-005

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	99.4	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	45.0			P	1
7440-41-7	BERYLLIUM	0.56	B		P	1
7440-43-9	CADMIUM	2.61	U		P	1
7440-70-2	CALCIUM	78600			P	1
7440-47-3	CHROMIUM	4.02	U		P	1
7440-48-4	COBALT	2.98	U		P	1
7440-50-8	COPPER	1.93	U		P	1
7439-89-6	IRON	29.9	B		P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	7060			P	1
7439-96-5	MANGANESE	18.7			P	1
7439-97-6	MERCURY	0.03	B		CV	1
7440-02-0	NICKEL	11.90	U		P	1
7440-09-7	POTASSIUM	12000			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	2.74	U		P	1
7440-23-5	SODIUM	7620			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	4.01	U		P	1
7440-66-6	ZINC	5.5	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

Appendix D.2

Ground-Water Samples
Eastern Plume

APPENDIX D.2

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Ground-Water Samples	
BN-16-EP-MW105	MW-105A
BN-16-EP-MW205	MW-205
BN-16-EP-MW207A	MW-207A
BN-16-EP-MWXD2	MW-207A - Duplicate
BN-16-EP-MW224	MW-224
BN-16-EP-MWXD4	MW-224- Duplicate
BN-16-EP-MW225A	MW-225A
BN-16-EP-MW229A	MW-229A
BN-16-EP-MW230A	MW-230A
BN-16-EP-MW231A	MW-231A
BN-16-EP-MW231B	MW-231B
BN-16-EP-MW303	MW-303
BN-16-EP-MW305	MW-305
BN-16-EP-MW306	MW-306
BN-16-EP-MW308	MW-308
BN-16-EP-MW309B	MW-309B
BN-16-EP-MW311	MW-311
BN-16-EP-MWDX1	MW-311 –Duplicate
BN-16-EP-MW313	MW-313
BN-16-EP-MW318	MW-318
BN-16-EP-MW319	MW-319
BN-16-EP-MW330	MW-330
BN-16-EP-MW331	MW-331
BN-16-EP-MW332	MW-332
BN-16-EP-MW333	MW-333
BN-16-EP-MW334	MW-334
BN-16-EP-MW1104	MW-1104
BN-16-EP-MW212	MW-NASB-212
BN-16-EP-P106	P-106
BN-16-EP-MWXD3	P-106 – Duplicate
BN-16-EP-P111	P-111
BN-16-EP-P132	P-132
Trip Blanks	
BN-16-EP-QT001 (4/19)	Trip Blank
BN-16-EP-QT002	Trip Blank

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: ( )

Fax #: ( )

Address

City

State

Zip Code

Purchase Order #

Proj. Name / No.

Katahdin Quote #

Bill (if different than above)

Address

Sampler (Print / Sign): Suzanne Chase Suzanne Chase

Copies To:

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WORK ORDER #: W01095

KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

VOC

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-16-EP-MW106	4-20/1725	W	3	X										
	BN-16-EP-MW311	4-20/1100	W	3	X										
	BN-16-EP-MW212	4-20/1635	W	3	X										
	BN-16-EP-MW203	4-20/1525	W	3	X										
	BN-16-EP-MW109A	4-20/1525	W	6	X	MS/MSD									
	BN-16-EP-MW331	4-20/1130	W	3	X										
	BN-16-EP-MW224	4-20/1420	W	3	X										
	BN-16-EP-MWXD2	4-20/—	W	3	X										
	BN-16-EP-MWXD4	4-20/—	W	3	X										
	BN-16-EP-MW207A	4-20/1020	W	3	X										
	BN-16-EP-MW229A	4-20/1530	W	3	X										
	BN-16-EP-P111	4-21/905	W	3	X										
		/													
		/													
		/													
		/													

COMMENTS

Begins + Ends SDG

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Tom Shutty	4/21/00 1050	Angela Hatfield			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA
Contact: Sue Chase
Phone #: ( )
Fax #: ( )
Address:
City: Newburgh
State: NY
Zip Code: 12550
Purchase Order #:
Proj. Name / No.:
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign): Suzanne Chase Suzanne Chase
Copies To:

LAB USE ONLY
WORK ORDER #: WQ1097
KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	BN-16-EP-MW332	4-20 / 1042	W	3	X										
✓	BN-16-EP-MWXD1	4-20 / —	W	3	X										
✓	BN-16-EP-MWXD3	4-20 / —	W	3	X										
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COMMENTS: ENDS SDG # BN-16-EP-MW313

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
		Angela Hatcher			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Client: EA | Contact: Sue Chase | Phone #: (207) 798-5977 | Fax #: (207) 798 4636

Address: 3 Washington Center | City: Newburgh | State: NY | Zip Code: 12550

Purchase Order # | Proj. Name / No. | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign): Suzanne Chase, Suzanne Chase | Copies To:

LAB USE ONLY | WORK ORDER #: WQ1067 | KATAHDIN PROJECT MANAGER

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TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	BN-16-EP-MW313	4/18/00/1150	H_2O	93	X		MS/MSD							
✓	BN-16-EP-MW333	4/18/00/1405	H_2O	3	X									
✓	BN-16-EP-MW334	4/19/00/1520	H_2O	3	X									
✓	BN-16-EP-MW318	4/18/00/1410	W	3	X									
✓	BN-16-EP-MW230A	4/18/00/1110	W	3	X									
	BN-16-EP-MW231B	4/18/00/950	W	3	X									
	BN-16-EP-MW231A	4/18/00/950	W	3	X									
✓	BN-16-EP-MW303	4/18/00/1545	W	3	X									
✓	BN-16-EP-MW225A	4/18/00/1455	W	3	X									
✓	BN-16-EP-MW309B	4/19/00/1020	W	3	X									
✓	BN-16-EP-MW308	4/19/00/1140	W	3	X									
	BN-16-EP-MW330	4/19/00/1415	W	3	X									
	BN-16-EP-MW164	4/19/00/1110	W	3	X									
	BN-16-EP-MW305	4/19/00/1030	W	3	X									
	BN-16-EP-MW319	4/19/00/1353	W	3	X									
		/												

COMMENTS: Begins SDG BN-16-EP MW313

Please forward COC's plus Form I's to Sue Chase

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Brian Anderson	4/20/00 800	We		4-20-00 0850	Shelley Hill
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Client: EA | Contact: Sue Chase | Phone #: (207) 798-5977 | Fax #: (207) 798-4[illegible]

Address: 3 Washington Center | City: Newburgh | State: NY | Zip Code: 12550

Purchase Order # | Proj. Name / No.: Event 16 | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign): Suzanne Chase [signature] | Copies To:

LAB USE ONLY | WORK ORDER #: WQ1067 | KATAHDIN PROJECT MANAGER

REMARKS:

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AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-16-EP-MW306	4/19/00 / 1518	W	3	X										
	BN-16-EP-P132	4/19/00 / 950	W	3	X										
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		/													

COMMENTS

Please forward COC's and Form I's to Sue Chase

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Brian Anderson	4/20/00 800	[signature]		4-20-00 0850	Shelby [signature]
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

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Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: ( ) 778-5977

Fax #: ( ) 778-4638

Address:

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: Ev+16

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

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WORK ORDER #: W01004 -

KATAHDIN PROJECT MANAGER

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AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	1,4-D	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	BN-16-EP-SW10 MS/MSD	4/13 / 1048	W	9	X										
✓	BN-16EPSW11	4/13 / 1017	W	3	X										
✓	BN-16EPSW12	4/13 / 0942	W	3	X										
✓	BN-16-EPSW13	4/13 / 1030	W	3	X										
✓	BN-16-EPSW14	4/13 / 1008	W	3	X										
✓	BN-16-EPSW101	4/13 / —	W	3	X										
✓	BN-16-EP-QC00	4/13 / 0920	W	3	X										
✓	BN-16-EP-Sweep11	4/13 / 1125	W	3	X										
✓	BN-16-EP-Sweep10	4/13 / 1105	W	3	X										
✓	BN-16-EP-QTC01	4/13 / 1030	W	3	X										
		/													
		/													
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		/													
		/													

COMMENTS

[illegible] BN-16 EP SWG

Please forward COC + Form I's to Sue at Brunswick

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[illegible]	4/14/00 1000	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: (207) 798-5977

Fax #: (207) 798-4[illegible]

Address: 3 Washington Center

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: April Evt

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

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WORK ORDER #: WQ1096

KATAHDIN PROJECT MANAGER:

REMARKS:

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AIRBILL NO:

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ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	~~BN-16-EP-DS332D~~	~~4/20/0950~~	~~W~~	~~3~~	~~X~~	SYC									
✓	~~BN-16-EP-DS-332M~~	~~4-20/945~~	~~W~~	~~3~~	~~X~~	SYC									
✓	~~BN-16-EP-DS-332S~~	~~4-20/940~~	~~W~~	~~3~~	~~X~~	SYC									
✓	BN-16-EP-QT002	4-20/1042	W	3	X										
✓	BN-16-EP-DS311D	4-20/935	W	3	X										
✓	BN-16-EP-DS1D2	4-20/~~[illegible]~~	W	3	X										
✓	BN-16-EP-DS311M	4-20/930	W	3	X										
✓	BN-16-EP-DS311S	4-20/925	W	3	X										
✓	BN-16-EP-DS331D	4-20/913	W	3	X										
✓	BN-16-EP-DS331M	4-20/908	W	3	X										
✓	BN-16-EP-DS331S	4-20/903	W	3	X										
✓	~~BN-16-EP-DS-224S~~	~~4-20/1115~~	~~W~~	~~9~~	~~X~~	~~MS/MSD~~	SYC								
✓	BN-16-EP-DS224M	4-20/1120	W	3	X										
✓	BN-16-EP-DS224D	4-20/1125	W	3	X										
✓	BN-16-EP-DS229AS	4-20/1345	W	3	X										
✓	BN-16-EP-DS1DIS	4-20/—	W	3	X										

COMMENTS: Ends SDG # BN-16-EP-DS319S

Please forward COC's and Form I's to Sue Chase

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Kim Shutt	4/21/10 1050	Ingeborg Hauch			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-12
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW105A	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	J0.7	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-12
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW105A	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	116	%	1.0		
TOLUENE-D8	118	%	1.0		
P-BROMOFLUOROBENZENE	84	%	1.0		
1,2-DICHLOROETHANE-D4	111	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-4
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW205	AQ	4/20/00	4/21/00	4/26/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B2	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	18	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	J0.9	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	14	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.5	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E200	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	170	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	4	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	16	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-4
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600 47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW205	AQ	4/20/00	4/21/00	4/26/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	102	%	1.0		
TOLUENE-D8	116	%	1.0		
P-BROMOFLUOROBENZENE	90	%	1.0		
1,2-DICHLOROETHANE-D4	97	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-4DL
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW205	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	<4	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	JB2	ug/L	2.0	2	1.0
ACETONE	<10	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	19	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	<2	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	17	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	<2	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	210	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	120	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	3	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	11	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	<2	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-4DL
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW205	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	116	%	2.0		
TOLUENE-D8	109	%	2.0		
P-BROMOFLUOROBENZENE	110	%	2.0		
1,2-DICHLOROETHANE-D4	117	%	2.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-9
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW207A	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	28	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	12	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	27	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	13	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-9
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW207A	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	108	%	1.0		
TOLUENE-D8	118	%	1.0		
P-BROMOFLUOROBENZENE	88	%	1.0		
1,2-DICHLOROETHANE-D4	106	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-7
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD2	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.8	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	28	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	12	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	27	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	13	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-7
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD2	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	109	%	1.0		
TOLUENE-D8	116	%	1.0		
P-BROMOFLUOROBENZENE	87	%	1.0		
1,2-DICHLOROETHANE-D4	103	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-6
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW224	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	J0.5	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-6
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW224	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	106	%	1.0		
TOLUENE-D8	114	%	1.0		
P-BROMOFLUOROBENZENE	89	%	1.0		
1,2-DICHLOROETHANE-D4	100	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-8
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD4	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	J0.5	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-8
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD4	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	112	%	1.0		
TOLUENE-D8	116	%	1.0		
P-BROMOFLUOROBENZENE	88	%	1.0		
1,2-DICHLOROETHANE-D4	109	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-9
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW225A	AQ	4/18/00	4/20/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	4	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	2	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	2	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	J0.6	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-9
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW225A	AQ	4/18/00	4/20/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	120	%	1.0		
TOLUENE-D8	109	%	1.0		
P-BROMOFLUOROBENZENE	104	%	1.0		
1,2-DICHLOROETHANE-D4	130	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-10
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW229A	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	6	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	48	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	44	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	6	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-10
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW229A	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	112	%	1.0		
TOLUENE-D8	120	%	1.0		
P-BROMOFLUOROBENZENE	89	%	1.0		
1,2-DICHLOROETHANE-D4	105	%	1.0		

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-5
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW230A	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.7	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-5
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW230A	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	118	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	100	%	1.0		
1,2-DICHLOROETHANE-D4	120	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-7
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW231A	AQ	4/18/00	4/20/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-7
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW231A	AQ	4/18/00	4/20/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	123	%	1.0		
TOLUENE-D8	112	%	1.0		
P-BROMOFLUOROBENZENE	104	%	1.0		
1,2-DICHLOROETHANE-D4	127	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-6
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW231B	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	J60.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-6
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW231B	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	116	%	1.0		
TOLUENE-D8	109	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	122	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-8
SDG: BN16EPMW313
Report Date: 4/28/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW303	AQ	4/18/00	4/20/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.8	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-8
SDG: BN16EPMW313
Report Date: 4/28/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW303	AQ	4/18/00	4/20/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	122	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	87	%	1.0		
1,2-DICHLOROETHANE-D4	124	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-16
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/25/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW306	AQ	4/19/00	4/20/00	4/25/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	6	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	17	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	50	ug/L	1.0	1.0	1.0
CHLOROFORM	7	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	120	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	60	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	J0.6	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-16
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/25/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW306	AQ	4/19/00	4/20/00	4/25/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	109	%	1.0		
P-BROMOFLUOROBENZENE	87	%	1.0		
1,2-DICHLOROETHANE-D4	90	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-11
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/25/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW308	AQ	4/19/00	4/20/00	4/25/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	J80.9	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-11
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/25/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW308	AQ	4/19/00	4/20/00	4/25/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	104	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	85	%	1.0		
1,2-DICHLOROETHANE-D4	98	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-10
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW309B	AQ	4/19/00	4/20/00	4/24/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-10
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW309B	AQ	4/19/00	4/20/00	4/24/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	121	%	1.0		
TOLUENE-D8	110	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	134	%	1.0		

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-2
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW311	AQ	4/20/00	4/21/00	4/26/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	82	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	66	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	19	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	7	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	2	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E360	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E260	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.8	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	20	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-2
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW311	AQ	4/20/00	4/21/00	4/26/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	88	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	86	%	1.0		
1,2-DICHLOROETHANE-D4	82	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-2DL
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW311	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/L	5.0	10	2.0
BROMOMETHANE	<10	ug/L	5.0	10	2.0
VINYL CHLORIDE	<10	ug/L	5.0	10	2.0
CHLOROETHANE	<10	ug/L	5.0	10	2.0
METHYLENE CHLORIDE	JB4	ug/L	5.0	5	1.0
ACETONE	<25	ug/L	5.0	25	5
CARBON DISULFIDE	<5	ug/L	5.0	5	1.0
1,1-DICHLOROETHENE	72	ug/L	5.0	5	1.0
1,1-DICHLOROETHANE	22	ug/L	5.0	5	1.0
TOTAL 1,2-DICHLOROETHENE	9	ug/L	5.0	5	1.0
CHLOROFORM	<5	ug/L	5.0	5	1.0
1,2-DICHLOROETHANE	J3	ug/L	5.0	5	1.0
2-BUTANONE	<25	ug/L	5.0	25	5
1,1,1-TRICHLOROETHANE	420	ug/L	5.0	5	1.0
CARBON TETRACHLORIDE	<5	ug/L	5.0	5	1.0
BROMODICHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,2-DICHLOROPROPANE	<5	ug/L	5.0	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
TRICHLOROETHENE	210	ug/L	5.0	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,1,2-TRICHLOROETHANE	<5	ug/L	5.0	5	1.0
BENZENE	<5	ug/L	5.0	5	1.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
BROMOFORM	<5	ug/L	5.0	5	1.0
4-METHYL-2-PENTANONE	<15	ug/L	5.0	15	3
2-HEXANONE	<20	ug/L	5.0	20	4
TETRACHLOROETHENE	15	ug/L	5.0	5	1.0
1,1,2,2-TETRACHLOROETHANE	<5	ug/L	5.0	5	1.0
TOLUENE	<5	ug/L	5.0	5	1.0
CHLOROBENZENE	<5	ug/L	5.0	5	1.0
ETHYLBENZENE	<5	ug/L	5.0	5	1.0
STYRENE	<5	ug/L	5.0	5	1.0
TOTAL XYLENES	<5	ug/L	5.0	5	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-2DL
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW311	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,3-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,4-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
DIBROMOFLUOROMETHANE	107	%	5.0		
TOLUENE-D8	109	%	5.0		
P-BROMOFLUOROBENZENE	109	%	5.0		
1,2-DICHLOROETHANE-D4	101	%	5.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-2
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD1	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B2	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	70	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	22	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	9	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	2	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E420	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E210	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.7	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	15	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-2
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD1	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	109	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	110	%	1.0		
1,2-DICHLOROETHANE-D4	106	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-2DL
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD1	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/L	5.0	10	2.0
BROMOMETHANE	<10	ug/L	5.0	10	2.0
VINYL CHLORIDE	<10	ug/L	5.0	10	2.0
CHLOROETHANE	<10	ug/L	5.0	10	2.0
METHYLENE CHLORIDE	JB4	ug/L	5.0	5	1.0
ACETONE	<25	ug/L	5.0	25	5
CARBON DISULFIDE	<5	ug/L	5.0	5	1.0
1,1-DICHLOROETHENE	69	ug/L	5.0	5	1.0
1,1-DICHLOROETHANE	23	ug/L	5.0	5	1.0
TOTAL 1,2-DICHLOROETHENE	8	ug/L	5.0	5	1.0
CHLOROFORM	<5	ug/L	5.0	5	1.0
1,2-DICHLOROETHANE	J3	ug/L	5.0	5	1.0
2-BUTANONE	<25	ug/L	5.0	25	5
1,1,1-TRICHLOROETHANE	420	ug/L	5.0	5	1.0
CARBON TETRACHLORIDE	<5	ug/L	5.0	5	1.0
BROMODICHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,2-DICHLOROPROPANE	<5	ug/L	5.0	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
TRICHLOROETHENE	210	ug/L	5.0	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,1,2-TRICHLOROETHANE	<5	ug/L	5.0	5	1.0
BENZENE	<5	ug/L	5.0	5	1.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
BROMOFORM	<5	ug/L	5.0	5	1.0
4-METHYL-2-PENTANONE	<15	ug/L	5.0	15	3
2-HEXANONE	<20	ug/L	5.0	20	4
TETRACHLOROETHENE	14	ug/L	5.0	5	1.0
1,1,2,2-TETRACHLOROETHANE	<5	ug/L	5.0	5	1.0
TOLUENE	<5	ug/L	5.0	5	1.0
CHLOROBENZENE	<5	ug/L	5.0	5	1.0
ETHYLBENZENE	<5	ug/L	5.0	5	1.0
STYRENE	<5	ug/L	5.0	5	1.0
TOTAL XYLENES	<5	ug/L	5.0	5	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-2DL
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD1	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,3-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,4-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
DIBROMOFLUOROMETHANE	112	%	5.0		
TOLUENE-D8	108	%	5.0		
P-BROMOFLUOROBENZENE	112	%	5.0		
1,2-DICHLOROETHANE-D4	115	%	5.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-1
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW313	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.5	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	3	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-1
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW313	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	117	%	1.0		
TOLUENE-D8	109	%	1.0		
P-BROMOFLUOROBENZENE	98	%	1.0		
1,2-DICHLOROETHANE-D4	121	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-4
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW318	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-4
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW318	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	120	%	1.0		
TOLUENE-D8	111	%	1.0		
P-BROMOFLUOROBENZENE	100	%	1.0		
1,2-DICHLOROETHANE-D4	128	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-15
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW319	AQ	4/19/00	4/20/00	4/24/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	7	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	2	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	16	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	70	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-15
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW319	AQ	4/19/00	4/20/00	4/24/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	124	%	1.0		
TOLUENE-D8	111	%	1.0		
P-BROMOFLUOROBENZENE	107	%	1.0		
1,2-DICHLOROETHANE-D4	132	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-12
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW330	AQ	4/19/00	4/20/00	4/24/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-12
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW330	AQ	4/19/00	4/20/00	4/24/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	123	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	105	%	1.0		
1,2-DICHLOROETHANE-D4	133	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-5
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW331	AQ	4/20/00	4/21/00	4/26/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	J1	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B3	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	46	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	23	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	15	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	2	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E360	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	180	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
BENZENE	2	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	8	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-5
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW331	AQ	4/20/00	4/21/00	4/26/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	94	%	1.0		
TOLUENE-D8	114	%	1.0		
P-BROMOFLUOROBENZENE	86	%	1.0		
1,2-DICHLOROETHANE-D4	85	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-5DL
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW331	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/L	5.0	10	2.0
BROMOMETHANE	<10	ug/L	5.0	10	2.0
VINYL CHLORIDE	<10	ug/L	5.0	10	2.0
CHLOROETHANE	<10	ug/L	5.0	10	2.0
METHYLENE CHLORIDE	JB5	ug/L	5.0	5	1.0
ACETONE	<25	ug/L	5.0	25	5
CARBON DISULFIDE	<5	ug/L	5.0	5	1.0
1,1-DICHLOROETHENE	47	ug/L	5.0	5	1.0
1,1-DICHLOROETHANE	23	ug/L	5.0	5	1.0
TOTAL 1,2-DICHLOROETHENE	18	ug/L	5.0	5	1.0
CHLOROFORM	<5	ug/L	5.0	5	1.0
1,2-DICHLOROETHANE	<5	ug/L	5.0	5	1.0
2-BUTANONE	<25	ug/L	5.0	25	5
1,1,1-TRICHLOROETHANE	380	ug/L	5.0	5	1.0
CARBON TETRACHLORIDE	<5	ug/L	5.0	5	1.0
BROMODICHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,2-DICHLOROPROPANE	<5	ug/L	5.0	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
TRICHLOROETHENE	120	ug/L	5.0	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,1,2-TRICHLOROETHANE	<5	ug/L	5.0	5	1.0
BENZENE	<5	ug/L	5.0	5	1.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
BROMOFORM	<5	ug/L	5.0	5	1.0
4-METHYL-2-PENTANONE	<15	ug/L	5.0	15	3
2-HEXANONE	<20	ug/L	5.0	20	4
TETRACHLOROETHENE	5	ug/L	5.0	5	1.0
1,1,2,2-TETRACHLOROETHANE	<5	ug/L	5.0	5	1.0
TOLUENE	<5	ug/L	5.0	5	1.0
CHLOROBENZENE	<5	ug/L	5.0	5	1.0
ETHYLBENZENE	<5	ug/L	5.0	5	1.0
STYRENE	<5	ug/L	5.0	5	1.0
TOTAL XYLENES	<5	ug/L	5.0	5	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-5DL
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW331	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,3-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,4-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
DIBROMOFLUOROMETHANE	109	%	5.0		
TOLUENE-D8	110	%	5.0		
P-BROMOFLUOROBENZENE	110	%	5.0		
1,2-DICHLOROETHANE-D4	108	%	5.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-1
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW332	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.7	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	15	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	5	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	180	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	57	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	2	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-1
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW332	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	105	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	103	%	1.0		
1,2-DICHLOROETHANE-D4	100	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-2
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW333	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.5	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	4	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-2
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW333	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	117	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	101	%	1.0		
1,2-DICHLOROETHANE-D4	120	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-3
SDG: BN16EPMW313
Report Date: 4/28/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW334	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.8	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	J0.8	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.5	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-3
SDG: BN16EPMW313
Report Date: 4/28/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW334	AQ	4/18/00	4/20/00	4/22/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	122	%	1.0		
TOLUENE-D8	109	%	1.0		
P-BROMOFLUOROBENZENE	103	%	1.0		
1,2-DICHLOROETHANE-D4	130	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-13
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW1104	AQ	4/19/00	4/20/00	4/24/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	J0.8	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	8	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	13	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	55	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	6	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	J0.6	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-13
SDG: BN16EPMW313
Report Date: 4/28/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW1104	AQ	4/19/00	4/20/00	4/24/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	120	%	1.0		
TOLUENE-D8	109	%	1.0		
P-BROMOFLUOROBENZENE	106	%	1.0		
1,2-DICHLOROETHANE-D4	126	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-3
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW212	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	18	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	J0.7	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-3
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MW212	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	108	%	1.0		
TOLUENE-D8	109	%	1.0		
P-BROMOFLUOROBENZENE	107	%	1.0		
1,2-DICHLOROETHANE-D4	102	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-1
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P106	AQ	4/20/00	4/21/00	4/26/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	E210	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	40	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	12	ug/L	1.0	1.0	1.0
CHLOROFORM	J0.8	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	3	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E1300	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E760	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	2	ug/L	1.0	1.0	1.0
BENZENE	2	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	17	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-1
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P106	AQ	4/20/00	4/21/00	4/26/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	78	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	89	%	1.0		
1,2-DICHLOROETHANE-D4	72	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-1DL
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P106	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<20	ug/L	10	20	2.0
BROMOMETHANE	<20	ug/L	10	20	2.0
VINYL CHLORIDE	<20	ug/L	10	20	2.0
CHLOROETHANE	<20	ug/L	10	20	2.0
METHYLENE CHLORIDE	JB5	ug/L	10	10	1.0
ACETONE	<50	ug/L	10	50	5
CARBON DISULFIDE	<10	ug/L	10	10	1.0
1,1-DICHLOROETHENE	260	ug/L	10	10	1.0
1,1-DICHLOROETHANE	57	ug/L	10	10	1.0
TOTAL 1,2-DICHLOROETHENE	18	ug/L	10	10	1.0
CHLOROFORM	<10	ug/L	10	10	1.0
1,2-DICHLOROETHANE	J6	ug/L	10	10	1.0
2-BUTANONE	<50	ug/L	10	50	5
1,1,1-TRICHLOROETHANE	E2000	ug/L	10	10	1.0
CARBON TETRACHLORIDE	<10	ug/L	10	10	1.0
BROMODICHLOROMETHANE	<10	ug/L	10	10	1.0
1,2-DICHLOROPROPANE	<10	ug/L	10	10	1.0
CIS-1,3-DICHLOROPROPENE	<10	ug/L	10	10	1.0
TRICHLOROETHENE	710	ug/L	10	10	1.0
DIBROMOCHLOROMETHANE	<10	ug/L	10	10	1.0
1,1,2-TRICHLOROETHANE	<10	ug/L	10	10	1.0
BENZENE	<10	ug/L	10	10	1.0
TRANS-1,3-DICHLOROPROPENE	<10	ug/L	10	10	1.0
BROMOFORM	<10	ug/L	10	10	1.0
4-METHYL-2-PENTANONE	<30	ug/L	10	30	3
2-HEXANONE	<40	ug/L	10	40	4
TETRACHLOROETHENE	15	ug/L	10	10	1.0
1,1,2,2-TETRACHLOROETHANE	<10	ug/L	10	10	1.0
TOLUENE	<10	ug/L	10	10	1.0
CHLOROBENZENE	<10	ug/L	10	10	1.0
ETHYLBENZENE	<10	ug/L	10	10	1.0
STYRENE	<10	ug/L	10	10	1.0
TOTAL XYLENES	<10	ug/L	10	10	1.0

Report Notes: B, J, E, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-1DL
SDG: BN16EPP106
Report Date: 5/3/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P106	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<10	ug/L	10	10	1.0
1,3-DICHLOROBENZENE	<10	ug/L	10	10	1.0
1,4-DICHLOROBENZENE	<10	ug/L	10	10	1.0
DIBROMOFLUOROMETHANE	108	%	10		
TOLUENE-D8	110	%	10		
P-BROMOFLUOROBENZENE	109	%	10		
1,2-DICHLOROETHANE-D4	105	%	10		

Report Notes: B, J, E, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-1DL2
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P106	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<100	ug/L	50	100	2.0
BROMOMETHANE	<100	ug/L	50	100	2.0
VINYL CHLORIDE	<100	ug/L	50	100	2.0
CHLOROETHANE	<100	ug/L	50	100	2.0
METHYLENE CHLORIDE	J830	ug/L	50	50	1.0
ACETONE	<250	ug/L	50	250	5
CARBON DISULFIDE	<50	ug/L	50	50	1.0
1,1-DICHLOROETHENE	360	ug/L	50	50	1.0
1,1-DICHLOROETHANE	88	ug/L	50	50	1.0
TOTAL 1,2-DICHLOROETHENE	J30	ug/L	50	50	1.0
CHLOROFORM	<50	ug/L	50	50	1.0
1,2-DICHLOROETHANE	<50	ug/L	50	50	1.0
2-BUTANONE	<250	ug/L	50	250	5
1,1,1-TRICHLOROETHANE	3100	ug/L	50	50	1.0
CARBON TETRACHLORIDE	<50	ug/L	50	50	1.0
BROMODICHLOROMETHANE	<50	ug/L	50	50	1.0
1,2-DICHLOROPROPANE	<50	ug/L	50	50	1.0
CIS-1,3-DICHLOROPROPENE	<50	ug/L	50	50	1.0
TRICHLOROETHENE	1100	ug/L	50	50	1.0
DIBROMOCHLOROMETHANE	<50	ug/L	50	50	1.0
1,1,2-TRICHLOROETHANE	<50	ug/L	50	50	1.0
BENZENE	<50	ug/L	50	50	1.0
TRANS-1,3-DICHLOROPROPENE	<50	ug/L	50	50	1.0
BROMOFORM	<50	ug/L	50	50	1.0
4-METHYL-2-PENTANONE	<150	ug/L	50	150	3
2-HEXANONE	<200	ug/L	50	200	4
TETRACHLOROETHENE	<50	ug/L	50	50	1.0
1,1,2,2-TETRACHLOROETHANE	<50	ug/L	50	50	1.0
TOLUENE	<50	ug/L	50	50	1.0
CHLOROBENZENE	<50	ug/L	50	50	1.0
ETHYLBENZENE	<50	ug/L	50	50	1.0
STYRENE	<50	ug/L	50	50	1.0
TOTAL XYLENES	<50	ug/L	50	50	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-1DL2
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P106	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<50	ug/L	50	50	1.0
1,3-DICHLOROBENZENE	<50	ug/L	50	50	1.0
1,4-DICHLOROBENZENE	<50	ug/L	50	50	1.0
DIBROMOFLUOROMETHANE	114	%	50		
TOLUENE-D8	108	%	50		
P-BROMOFLUOROBENZENE	113	%	50		
1,2-DICHLOROETHANE-D4	120	%	50		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-3
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD3	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.5	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	E210	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	48	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	16	ug/L	1.0	1.0	1.0
CHLOROFORM	1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	3	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E1500	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E580	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	2	ug/L	1.0	1.0	1.0
BENZENE	2	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	13	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-3
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD3	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	110	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	108	%	1.0		
1,2-DICHLOROETHANE-D4	105	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-3DL
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD3	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<40	ug/L	20	40	2.0
BROMOMETHANE	<40	ug/L	20	40	2.0
VINYL CHLORIDE	<40	ug/L	20	40	2.0
CHLOROETHANE	<40	ug/L	20	40	2.0
METHYLENE CHLORIDE	<20	ug/L	20	20	1.0
ACETONE	<100	ug/L	20	100	5
CARBON DISULFIDE	<20	ug/L	20	20	1.0
1,1-DICHLOROETHENE	440	ug/L	20	20	1.0
1,1-DICHLOROETHANE	100	ug/L	20	20	1.0
TOTAL 1,2-DICHLOROETHENE	35	ug/L	20	20	1.0
CHLOROFORM	<20	ug/L	20	20	1.0
1,2-DICHLOROETHANE	J13	ug/L	20	20	1.0
2-BUTANONE	<100	ug/L	20	100	5
1,1,1-TRICHLOROETHANE	3800	ug/L	20	20	1.0
CARBON TETRACHLORIDE	<20	ug/L	20	20	1.0
BROMODICHLOROMETHANE	<20	ug/L	20	20	1.0
1,2-DICHLOROPROPANE	<20	ug/L	20	20	1.0
CIS-1,3-DICHLOROPROPENE	<20	ug/L	20	20	1.0
TRICHLOROETHENE	1300	ug/L	20	20	1.0
DIBROMOCHLOROMETHANE	<20	ug/L	20	20	1.0
1,1,2-TRICHLOROETHANE	<20	ug/L	20	20	1.0
BENZENE	<20	ug/L	20	20	1.0
TRANS-1,3-DICHLOROPROPENE	<20	ug/L	20	20	1.0
BROMOFORM	<20	ug/L	20	20	1.0
4-METHYL-2-PENTANONE	<60	ug/L	20	60	3
2-HEXANONE	<80	ug/L	20	80	4
TETRACHLOROETHENE	26	ug/L	20	20	1.0
1,1,2,2-TETRACHLOROETHANE	<20	ug/L	20	20	1.0
TOLUENE	<20	ug/L	20	20	1.0
CHLOROBENZENE	<20	ug/L	20	20	1.0
ETHYLBENZENE	<20	ug/L	20	20	1.0
STYRENE	<20	ug/L	20	20	1.0
TOTAL XYLENES	<20	ug/L	20	20	1.0

Report Notes: J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1097-3DL
SDG: BN16EPMW313
Report Date: 5/1/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-MWXD3	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<20	ug/L	20	20	1.0
1,3-DICHLOROBENZENE	<20	ug/L	20	20	1.0
1,4-DICHLOROBENZENE	<20	ug/L	20	20	1.0
DIBROMOFLUOROMETHANE	115	%	20		
TOLUENE-D8	103	%	20		
P-BROMOFLUOROBENZENE	105	%	20		
1,2-DICHLOROETHANE-D4	122	%	20		

Report Notes: J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-11
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P111	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1095-11
SDG: BN16EPP106
Report Date: 5/3/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P111	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	112	%	1.0		
TOLUENE-D8	116	%	1.0		
P-BROMOFLUOROBENZENE	84	%	1.0		
1,2-DICHLOROETHANE-D4	104	%	1.0		

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-17
SDG: BN16EPMW313
Report Date: 4/28/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/25/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P132	AQ	4/19/00	4/20/00	4/25/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: none

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1067-17
SDG: BN16EPMW313
Report Date: 4/28/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/25/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-P132	AQ	4/19/00	4/20/00	4/25/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	128	%	1.0		
TOLUENE-D8	111	%	1.0		
P-BROMOFLUOROBENZENE	105	%	1.0		
1,2-DICHLOROETHANE-D4	135	%	1.0		

Report Notes: none

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-7
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	JB3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-7
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	122	%	1.0		
TOLUENE-D8	112	%	1.0		
P-BROMOFLUOROBENZENE	108	%	1.0		
1,2-DICHLOROETHANE-D4	134	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-1
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT002	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-1
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT002	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	107	%	1.0		
TOLUENE-D8	110	%	1.0		
4-BROMOFLUOROBENZENE	111	%	1.0		
1,2-DICHLOROETHANE-D4	102	%	1.0		

Report Notes: B

Appendix D.3

Aqueous Samples
Ground-Water Extraction and
Treatment System

APPENDIX D.3

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
BN-16-EP-EW1	EW-1
BN-16-EP-EW2	EW-2
BN-16-EP-EW2A	EW-2A
BN-16-EP-EW4	EW-4
BN-16-EP-EW5	EW-5
BN-16-EP-TPINF	Influent (Eastern Plume)
BN-16-EP-TPXD1	Influent (Eastern Plume) - Duplicate
BN-16-EP-TPEFF	Effluent
Trip Blank	
BN-16-EP-QT001 (4/13)	Trip Blank

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA | Contact: Joe Chase | Phone #: (207) 796-5977 | Fax #: ( ) 798-4688

Address: 3 Washington Center | City: Newburgh | State: NY 12550 | Zip Code: 12550

Purchase Order #: | Proj. Name / No.: April Event LTMP | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): Suzanne Y Chase | Copies To:

LAB USE ONLY | WORK ORDER #: WG1023 | KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC w/ HCL (Filt. ☐Y☐N)	VOC w/ Na_2SO_3 (Filt. ☐Y☐N)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-16-EP-EW1	4/17/1300	W	3	X									
	BN-16-EP-EW2	4/17/1305	W	3	X									
	BN-16-EP-EW2A	4/17/1310	W	3	X									
	BN-16-EP-EW4	4/17/1325	W	3	X									
	BN-16-EP-EW5	4/17/1335	W	3	X									
	BN-16-EP-TPINF	4/17/1350	W	3	X									
	BN-16-EP-TPEFF (MS/MSD)	4/17/1400	W	~~9~~ 6	~~9~~ 6	X								
	BN-16-EP-TPYD	4/17/—	W	3	~~3~~ 2	X								
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS: Begins + Ends SDG BN16EPEW1, temp blank
Please forward COC and Form Ia to Sue Chase

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	4/17/00 1515	[signature]		4-17-00 1600	[signature]
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: ( ) 778-5977

Fax #: ( ) 778-4

Address:

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: Fut 16

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

Copies To:

LAB USE ONLY

WORK ORDER #: WO1004

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	16C	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	BN-16-EP-SW10 MISINGD	4/13 / 1048	W	3	X										
✓	BN-16EPSW11	4/13 / 1017	W	3	X										
✓	BN-16EPSW12	4/13 / 0942	W	3	X										
✓	BN-16-EPSW13	4/13 / 1030	W	3	X										
✓	BN-16-EPSW14	4/13 / 1008	W	3	X										
✓	BN-16-EP-SW101	4/13 / —	W	3	X										
✓	BN-16-EP-GW00	4/13 / 0920	W	3	X										
✓	BN-16-EP-Seep11	4/13 / 1125	W	3	X										
✓	BN-16-EP-Seep10	4/13 / 1105	W	3	X										
✓	BN-16-EP-QT001	4/13 / 1030	W	3	X										
		/													
		/													
		/													
		/													
		/													
		/													

COMMENTS

Please forward COC + Form I's to Sue at Brunswick

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mil Cle	4/14/00 1000	Amy L. Nelson			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-1
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW1	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	5	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	2	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	20	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	34	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	38	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	8	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-1
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW1	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	102	%	1.0		
TOLUENE-D8	105	%	1.0		
P-BROMOFLUOROBENZENE	85	%	1.0		
1,2-DICHLOROETHANE-D4	100	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-2
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW2	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	8	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	3	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	6	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	16	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-2
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW2	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	101	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	91	%	1.0		
1,2-DICHLOROETHANE-D4	104	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-3
SDG: BN16EPEW1
Report Date: 4/26/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW2A	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B2	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	58	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	18	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	8	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	2	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E530	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	170	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	10	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-3
SDG: BN16EPEW1
Report Date: 4/26/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW2A	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	105	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	93	%	1.0		
1,2-DICHLOROETHANE-D4	110	%	1.0		

Report Notes: B, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-3DL
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW2A	AQ	4/17/00	4/17/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/L	5.0	10	2.0
BROMOMETHANE	<10	ug/L	5.0	10	2.0
VINYL CHLORIDE	<10	ug/L	5.0	10	2.0
CHLOROETHANE	<10	ug/L	5.0	10	2.0
METHYLENE CHLORIDE	B7	ug/L	5.0	5	1.0
ACETONE	<25	ug/L	5.0	25	5
CARBON DISULFIDE	<5	ug/L	5.0	5	1.0
1,1-DICHLOROETHENE	60	ug/L	5.0	5	1.0
1,1-DICHLOROETHANE	20	ug/L	5.0	5	1.0
TOTAL 1,2-DICHLOROETHENE	9	ug/L	5.0	5	1.0
CHLOROFORM	<5	ug/L	5.0	5	1.0
1,2-DICHLOROETHANE	J4	ug/L	5.0	5	1.0
2-BUTANONE	<25	ug/L	5.0	25	5
1,1,1-TRICHLOROETHANE	480	ug/L	5.0	5	1.0
CARBON TETRACHLORIDE	<5	ug/L	5.0	5	1.0
BROMODICHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,2-DICHLOROPROPANE	<5	ug/L	5.0	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
TRICHLOROETHENE	160	ug/L	5.0	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,1,2-TRICHLOROETHANE	<5	ug/L	5.0	5	1.0
BENZENE	<5	ug/L	5.0	5	1.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
BROMOFORM	<5	ug/L	5.0	5	1.0
4-METHYL-2-PENTANONE	<15	ug/L	5.0	15	3
2-HEXANONE	<20	ug/L	5.0	20	4
TETRACHLOROETHENE	10	ug/L	5.0	5	1.0
1,1,2,2-TETRACHLOROETHANE	<5	ug/L	5.0	5	1.0
TOLUENE	<5	ug/L	5.0	5	1.0
CHLOROBENZENE	<5	ug/L	5.0	5	1.0
ETHYLBENZENE	<5	ug/L	5.0	5	1.0
STYRENE	<5	ug/L	5.0	5	1.0
TOTAL XYLENES	<5	ug/L	5.0	5	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-3DL
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW2A	AQ	4/17/00	4/17/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,3-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,4-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
DIBROMOFLUOROMETHANE	122	%	5.0		
TOLUENE-D8	110	%	5.0		
P-BROMOFLUOROBENZENE	106	%	5.0		
1,2-DICHLOROETHANE-D4	123	%	5.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-4
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW4	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.8	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	29	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	21	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	63	ug/L	1.0	1.0	1.0
CHLOROFORM	5	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.7	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E320	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	J0.6	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	110	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	3	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-4
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW4	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	101	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	86	%	1.0		
1,2-DICHLOROETHANE-D4	98	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-4DL
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW4	AQ	4/17/00	4/17/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/L	5.0	10	2.0
BROMOMETHANE	<10	ug/L	5.0	10	2.0
VINYL CHLORIDE	<10	ug/L	5.0	10	2.0
CHLOROETHANE	<10	ug/L	5.0	10	2.0
METHYLENE CHLORIDE	JB4	ug/L	5.0	5	1.0
ACETONE	<25	ug/L	5.0	25	5
CARBON DISULFIDE	<5	ug/L	5.0	5	1.0
1,1-DICHLOROETHENE	28	ug/L	5.0	5	1.0
1,1-DICHLOROETHANE	23	ug/L	5.0	5	1.0
TOTAL 1,2-DICHLOROETHENE	68	ug/L	5.0	5	1.0
CHLOROFORM	7	ug/L	5.0	5	1.0
1,2-DICHLOROETHANE	<5	ug/L	5.0	5	1.0
2-BUTANONE	<25	ug/L	5.0	25	5
1,1,1-TRICHLOROETHANE	320	ug/L	5.0	5	1.0
CARBON TETRACHLORIDE	<5	ug/L	5.0	5	1.0
BROMODICHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,2-DICHLOROPROPANE	<5	ug/L	5.0	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
TRICHLOROETHENE	110	ug/L	5.0	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,1,2-TRICHLOROETHANE	<5	ug/L	5.0	5	1.0
BENZENE	<5	ug/L	5.0	5	1.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
BROMOFORM	<5	ug/L	5.0	5	1.0
4-METHYL-2-PENTANONE	<15	ug/L	5.0	15	3
2-HEXANONE	<20	ug/L	5.0	20	4
TETRACHLOROETHENE	<5	ug/L	5.0	5	1.0
1,1,2,2-TETRACHLOROETHANE	<5	ug/L	5.0	5	1.0
TOLUENE	<5	ug/L	5.0	5	1.0
CHLOROBENZENE	<5	ug/L	5.0	5	1.0
ETHYLBENZENE	<5	ug/L	5.0	5	1.0
STYRENE	<5	ug/L	5.0	5	1.0
TOTAL XYLENES	<5	ug/L	5.0	5	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-4DL
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW4	AQ	4/17/00	4/17/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,3-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,4-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
DIBROMOFLUOROMETHANE	125	%	5.0		
TOLUENE-D8	111	%	5.0		
P-BROMOFLUOROBENZENE	106	%	5.0		
1,2-DICHLOROETHANE-D4	128	%	5.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-5
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW5	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	16	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	13	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	9	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	92	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	43	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	J0.8	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-5
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-EW5	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	100	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	87	%	1.0		
1,2-DICHLOROETHANE-D4	99	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-6
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-TPINF	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.9	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	36	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	15	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	27	ug/L	1.0	1.0	1.0
CHLOROFORM	2	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.9	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E280	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	98	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	11	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-6
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/22/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-TPINF	AQ	4/17/00	4/17/00	4/22/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	102	%	1.0		
TOLUENE-D8	105	%	1.0		
P-BROMOFLUOROBENZENE	83	%	1.0		
1,2-DICHLOROETHANE-D4	100	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-6DL
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-TPINF	AQ	4/17/00	4/17/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/L	5.0	10	2.0
BROMOMETHANE	<10	ug/L	5.0	10	2.0
VINYL CHLORIDE	<10	ug/L	5.0	10	2.0
CHLOROETHANE	<10	ug/L	5.0	10	2.0
METHYLENE CHLORIDE	B5	ug/L	5.0	5	1.0
ACETONE	<25	ug/L	5.0	25	5
CARBON DISULFIDE	<5	ug/L	5.0	5	1.0
1,1-DICHLOROETHENE	30	ug/L	5.0	5	1.0
1,1-DICHLOROETHANE	17	ug/L	5.0	5	1.0
TOTAL 1,2-DICHLOROETHENE	28	ug/L	5.0	5	1.0
CHLOROFORM	J3	ug/L	5.0	5	1.0
1,2-DICHLOROETHANE	J4	ug/L	5.0	5	1.0
2-BUTANONE	<25	ug/L	5.0	25	5
1,1,1-TRICHLOROETHANE	270	ug/L	5.0	5	1.0
CARBON TETRACHLORIDE	<5	ug/L	5.0	5	1.0
BROMODICHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,2-DICHLOROPROPANE	<5	ug/L	5.0	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
TRICHLOROETHENE	100	ug/L	5.0	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,1,2-TRICHLOROETHANE	<5	ug/L	5.0	5	1.0
BENZENE	<5	ug/L	5.0	5	1.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
BROMOFORM	<5	ug/L	5.0	5	1.0
4-METHYL-2-PENTANONE	<15	ug/L	5.0	15	3
2-HEXANONE	<20	ug/L	5.0	20	4
TETRACHLOROETHENE	12	ug/L	5.0	5	1.0
1,1,2,2-TETRACHLOROETHANE	<5	ug/L	5.0	5	1.0
TOLUENE	<5	ug/L	5.0	5	1.0
CHLOROBENZENE	<5	ug/L	5.0	5	1.0
ETHYLBENZENE	<5	ug/L	5.0	5	1.0
STYRENE	<5	ug/L	5.0	5	1.0
TOTAL XYLENES	<5	ug/L	5.0	5	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-6DL
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-TPINF	AQ	4/17/00	4/17/00	4/24/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,3-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,4-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
DIBROMOFLUOROMETHANE	115	%	5.0		
TOLUENE-D8	108	%	5.0		
P-BROMOFLUOROBENZENE	99	%	5.0		
1,2-DICHLOROETHANE-D4	122	%	5.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-7
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-TPXD1	AQ	4/17/00	4/17/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	J80.8	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	3	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	11	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	4	ug/L	1.0	1.0	1.0
CHLOROFORM	1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.7	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	200	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	10	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-7
SDG: BN16EPEW1
Report Date: 4/26/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-TPXD1	AQ	4/17/00	4/17/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	94	%	1.0		
TOLUENE-D8	101	%	1.0		
P-BROMOFLUOROBENZENE	97	%	1.0		
1,2-DICHLOROETHANE-D4	85	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-8
SDG: BN16EPEW1
Report Date: 4/27/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-TPEFF	AQ	4/17/00	4/17/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	J80.5	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	J0.8	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	7	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.5	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	200	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1023-8
SDG: BN16EPEW1
Report Date: 4/27/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-TPEFF	AQ	4/17/00	4/17/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	104	%	1.0		
1,2-DICHLOROETHANE-D4	91	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	114	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	106	%	1.0		
1,2-DICHLOROETHANE-D4	119	%	1.0		

Report Notes: B, J

Appendix D.4

Surface Water Samples
Sites 1 and 3

APPENDIX D.4

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Surface Water Samples	
BN-16-S1-SW004	SW-04
BN-16-S1-SWXD1	SW-04 - Duplicate
BN-16-S1-SW007	SW-07
BN-16-S1-SW008	SW-08
BN-16-S1-SW009	SW-09
Trip Blank	
BN-16-EP-QT001 (4/13)	Trip Blank
Equipment Rinsate Blank	
BN-16-S1-QS001	Rinse Blank
Source Water Blank	
BN-16-S1-QD001	Source Water

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase Phone # ( ) 775-5977 Fax # ( ) 775-4636

Address: City: Newburgh State: NY Zip Code: 12550

Purchase Order #: Proj. Name / No.: Ft 16 Katahdin Quote #:

Bill (if different than above): Address:

Sampler (Print / Sign): Copies To:

LAB USE ONLY WORK ORDER #: W01004

KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	1600	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	BN-16-EP-SW10 MS/MSD	4/13 / 1048	W	3	X										
✓	BN 16 EP SW 11	4/13 / 1017	W	3	X										
✓	BN-16 EP SW12	4/13 / 0942	W	3	X										
✓	BN-16-EP SW13	4/13 / 1030	W	3	X										
✓	BN-16-EP SW14	4/13 / 1008	W	3	X										
✓	BN-16-EP SW15	4/13 / —	W	3	X										
✓	BN-16-EP-GW00	4/13 / 0920	W	3	X										
✓	BN-16-EP-Sedpll	4/13 / 1125	W	3	X										
✓	BN-16-EP-Sedp10	4/13 / 1105	W	3	X										
✓	BN-16-EP-GTC01	4/13 / 1030	W	3	X										
		/													
		/													
		/													
		/													
		/													
		/													

COMMENTS: [illegible] BN 16 EP SW16

Please forward COC + Form I's to Sue at Brunswick

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
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Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA
Contact: Sue Chase
Phone #: (207) 798-5977
Fax #: (207) 798-4[illegible]

Address: 3 Washington Center
City: Newburgh
State: NY
Zip Code: 12550

Purchase Order #:
Proj. Name / No.: LTMP Event 16
Katahdin Quote #:

Bill (if different than above):
Address:

Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WQ1001 -
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C _____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☐N)	TAL metals (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
✓	BN-16-SI-SP001	4/13 / 1310	W	9	X		MS / MSD							
	BN-16-SI-SP001	4/13 / 1310	W	2		X	MS							
✓	BN-16-SI-SP003	4/13 / 1345	W	4	X	X								
✓	BN-16-SI-SP004	4/13 / 1400	W	4	X	X								
✓	BN-16-SI-SP005	4/13 / 1420	W	4	X	X								
✓	BN-16-SI-SP009	4/13 / 1440	W	4	X	X								
	BN-16-SI-SPXD1	4/13 / —	W	4	X	X								
	BN-16-SI-QS001 water	4/13 / 1550	W	4	X	X								
✓	BN-16-SI-QS002 sed.	4/13 / 1555	W	4	X	X								
	BN-16-SI-SW004	4/13 / 1340	W	4	X	X								
✓	BN-16-SI-SWXD1	4/13 / —	W	4	X	X								
✓	BN-16-SI-SW007	4/13 / 1350	W	4	X	X								
	BN-16-SI-SW008	4/13 / 1310	W	4	X	X								
	BN-16-SI-SW009	4/13 / 1300	W	4	X	X								
	BN-16-SI-QD001	4/13 / 0915	W	4	X	X								
		/												

COMMENTS Begins + Ends SIDA # BN-16-SI-SP001
temp blank + trip blank included

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	4/14/00 1000	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-9
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SW004	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-9
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SW004	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	105	%	1.0		
P-BROMOFLUOROBENZENE	103	%	1.0		
1,2-DICHLOROETHANE-D4	92	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-10
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SWXD1	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-10
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SWXD1	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	95	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	101	%	1.0		
1,2-DICHLOROETHANE-D4	87	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-11
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SW007	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	2	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-11
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SW007	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	101	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	103	%	1.0		
1,2-DICHLOROETHANE-D4	100	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-12
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SW008	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-12
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SW008	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	100	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	97	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-13
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SW009	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-13
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SW009	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	97	%	1.0		
TOLUENE-D8	102	%	1.0		
P-BROMOFLUOROBENZENE	100	%	1.0		
1,2-DICHLOROETHANE-D4	93	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	114	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	106	%	1.0		
1,2-DICHLOROETHANE-D4	119	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-7
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QS001	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.7	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-7
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QS001	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	92	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	94	%	1.0		

Report Notes:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SW004

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-009

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	91.6	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	18.6			P	1
7440-41-7	BERYLLIUM	0.13	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	8960			P	1
7440-47-3	CHROMIUM	0.76	B	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	591			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	1780			P	1
7439-96-5	MANGANESE	155			P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	2000			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	16400			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	1.4	B		P	1
7440-66-6	ZINC	5.4	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SWXD1

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-010

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	96.4	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	18.3			P	1
7440-41-7	BERYLLIUM	0.20	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	8980			P	1
7440-47-3	CHROMIUM	0.78	B	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	598			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	1770			P	1
7439-96-5	MANGANESE	154			P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	1910			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	16400			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	1.1	B		P	1
7440-66-6	ZINC	12.1	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SW007
Matrix: WATER | SDG Name: BN16S1SP001
Percent Solids: 0.00 | Lab Sample ID: WQ1001-011

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	85.9	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	18.6			P	1
7440-41-7	BERYLLIUM	0.16	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	10300			P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	1070			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	2110			P	1
7439-96-5	MANGANESE	266			P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	2060			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	16200			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	5.1	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR
Color After: COLORLESS | Clarity After: CLEAR
Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SW008
Matrix: WATER | SDG Name: BN16S1SP001
Percent Solids: 0.00 | Lab Sample ID: WQ1001-012

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	178			P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	20.1			P	1
7440-41-7	BERYLLIUM	0.18	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	9090			P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	1150			P	1
7439-92-1	LEAD	1.5	B		P	1
7439-95-4	MAGNESIUM	1850			P	1
7439-96-5	MANGANESE	197			P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	2000			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	16300			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	1.1	B		P	1
7440-66-6	ZINC	6.7	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR
Color After: COLORLESS | Clarity After: CLEAR
Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services — Client Field ID: BN-16-S1-SW009

Matrix: WATER — SDG Name: BN16S1SP001

Percent Solids: 0.00 — Lab Sample ID: WQ1001-013

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	122			P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	17.5			P	1
7440-41-7	BERYLLIUM	0.22	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	8200			P	1
7440-47-3	CHROMIUM	1.3	B	E	P	1
7440-48-4	COBALT	1.0	B		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	878			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	1710			P	1
7439-96-5	MANGANESE	162			P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	1730			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	14600			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	6.1	B		P	1

Color Before: COLORLESS — Clarity Before: CLOUDY

Color After: COLORLESS — Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services — Client Field ID: BN-16-S1-QS001

Matrix: WATER — SDG Name: BN16S1SP001

Percent Solids: 0.00 — Lab Sample ID: WQ1001-007

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	21.9	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	0.30	U		P	1
7440-41-7	BERYLLIUM	0.18	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	46.9	B		P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	20.31	U		P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	5.51	U		P	1
7439-96-5	MANGANESE	2.2	B		P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	416	B		P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	77.9	B		P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	1.5	B		P	1

Color Before: COLORLESS — Clarity Before: CLEAR

Color After: COLORLESS — Clarity After: CLEAR

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: BN-16-S1-QD001
Matrix: WATER
SDG Name: BN16S1SP001
Percent Solids: 0.00
Lab Sample ID: WQ1001-014

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	16.44	U		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	0.30	U		P	1
7440-41-7	BERYLLIUM	0.18	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	24.7	B		P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	20.31	U		P	1
7439-92-1	LEAD	1.8	B		P	1
7439-95-4	MAGNESIUM	5.51	U		P	1
7439-96-5	MANGANESE	0.35	B		P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	342	B		P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	24.9	B		P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	0.32	U		P	1

Color Before: COLORLESS
Clarity Before: CLEAR
Color After: COLORLESS
Clarity After: CLEAR
Comments:

FORM I - IN

Appendix D.5

Surface Water Samples
Eastern Plume

APPENDIX D.5

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Surface Water Samples	
BN-16-EP-SW10	SW-10
BN-16-EP-SW11	SW-11
BN-16-EP-SW12	SW-12
BN-16-EP-SW13	SW-13
BN-16-EP-SW14	SW-14
BN-16-EP-SWXD1	SW-14 - Duplicate
Trip Blank	
BN-16-EP-QT001 (4/13)	Trip Blank
Equipment Rinsate Blank	
BN-16-S1-QS001	Rinse Blank
Source Water Blank	
BN-16-S1-QD001	Source Water

Katahdin ANALYTICAL SERVICES

340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: ( ) 778-5977

Fax #: ( ) 778-4026

Address:

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: Fuel 16

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

Copies To:

LAB USE ONLY

WORK ORDER #: W01004 - *

KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
					VOC									
✓	BN-16-EP-SW10 MS/MSD	4/13 / 1048	W	9	X									
✓	BN 16 EP SW 11	4/13 / 1017	W	3	X									
✓	BN-16 EP SW12	4/13 / 0943	W	3	X									
✓	BN-16-EP SW13	4/13 / 1030	W	3	X									
✓	BN-16-EP SW14	4/13 / 1008	W	3	X									
✓	BN-16-EP-SW101	4/13 / —	W	3	X									
✓	BN-16-EP-QS00	4/13 / 0920	W	3	X									
✓	BN-16-EP-Seep11	4/13 / 1125	W	3	X									
✓	BN-16-EP-Seep10	4/13 / 1105	W	3	X									
✓	BN-16-EP-QTC01	4/13 / 1030	W	3	X									
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Please forward COC + Form I's to Sue at Brunswick

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	4/14/00 1000	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA
Contact: Sue Chase
Phone #: (207) 798-5977
Fax #: (207) 798-4

Address: 3 Washington Center
City: Newburgh
State: NY
Zip Code: 12550

Purchase Order #:
Proj. Name / No.: LTMP Event 16
Katahdin Quote #:

Bill (if different than above):
Address:

Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WQ1001
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☐N)	TAL metals (Filt. ☐Y ☐N)	(Filt. ☐Y ☐N)	(Filt. ☐Y ☐N)	(Filt. ☐Y ☐N)	(Filt. ☐Y ☐N)	(Filt. ☐Y ☐N)	(Filt. ☐Y ☐N)	(Filt. ☐Y ☐N)	(Filt. ☐Y ☐N)
✓	BN-16-SI-SP001	4/13 / 1310	W	9	X		MS / MSD							
	BN-16-SI-SP001	4/13 / 1310	W	2		X	MS							
✓	BN-16-SI-SP003	4/13 / 1345	W	4	X	X								
✓	BN-16-SI-SP004	4/13 / 1400	W	4	X	X								
✓	BN-16-SI-SP005	4/13 / 1420	W	4	X	X								
✓	BN-16-SI-SP009	4/13 / 1440	W	4	X	X								
	BN-16-SI-SPXD1	4/13 / —	W	4	X	X								
	BN-16-SI-QS001 water	4/13/00 / 1550	W	4	X	X								
✓	BN-16-SI-QS002 sed.	4/13/00 / 1555	W	4	X	X								
	BN-16-SI-SW004	4/13 / 1340	W	4	X	X								
✓	BN-16-SI-SWXD1	4/13 / —	W	4	X	X								
	BN-16-SI-SW007	4/13 / 1350	W	4	X	X								
	BN-16-SI-SW008	4/13 / 1310	W	4	X	X								
	BN-16-SI-SW009	4/13 / 1300	W	4	X	X								
	BN-16-SI-QD001	4/13 / 0915	W	4	X	X								
		/												

COMMENTS Begins + Ends SDG # BN-16-SI-SP001
temp blank + trip blank included

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	4/14/00 1000	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-1
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW10	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-1
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW10	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	100	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	103	%	1.0		
1,2-DICHLOROETHANE-D4	98	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-2
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW11	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-2
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW11	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	99	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	97	%	1.0		
1,2-DICHLOROETHANE-D4	97	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-3
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW12	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-3
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW12	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	100	%	1.0		
TOLUENE-D8	105	%	1.0		
P-BROMOFLUOROBENZENE	106	%	1.0		
1,2-DICHLOROETHANE-D4	99	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-4
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW13	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	9	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-4
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW13	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	103	%	1.0		
1,2-DICHLOROETHANE-D4	96	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-5
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW14	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	8	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-5
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SW14	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	100	%	1.0		
1,2-DICHLOROETHANE-D4	91	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-6
SDG: BN16EPSW10
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SWXD1	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-6
SDG: BN16EPSW10
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SWXD1	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	97	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	101	%	1.0		
1,2-DICHLOROETHANE-D4	92	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	114	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	106	%	1.0		
1,2-DICHLOROETHANE-D4	119	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-7
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QS001	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-7
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QS001	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	99	%	1.0		
TOLUENE-D8	102	%	1.0		
P-BROMOFLUOROBENZENE	101	%	1.0		
1,2-DICHLOROETHANE-D4	93	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	94	%	1.0		

Report Notes:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Matrix: WATER
Percent Solids: 0.00

Client Field ID: BN-16-S1-QS001
SDG Name: BN16S1SP001
Lab Sample ID: WQ1001-007

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	21.9	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	0.30	U		P	1
7440-41-7	BERYLLIUM	0.18	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	46.9	B		P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	20.31	U		P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	5.51	U		P	1
7439-96-5	MANGANESE	2.2	B		P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	416	B		P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	77.9	B		P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	1.5	B		P	1

Color Before: COLORLESS
Clarity Before: CLEAR
Color After: COLORLESS
Clarity After: CLEAR
Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Matrix: WATER
Percent Solids: 0.00

Client Field ID: BN-16-S1-QD001
SDG Name: BN16S1SP001
Lab Sample ID: WQ1001-014

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	16.44	U		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	0.30	U		P	1
7440-41-7	BERYLLIUM	0.18	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	24.7	B		P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	20.31	U		P	1
7439-92-1	LEAD	1.8	B		P	1
7439-95-4	MAGNESIUM	5.51	U		P	1
7439-96-5	MANGANESE	0.35	B		P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	342	B		P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	24.9	B		P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	0.32	U		P	1

Color Before: COLORLESS
Clarity Before: CLEAR
Color After: COLORLESS
Clarity After: CLEAR
Comments:

FORM I - IN

Appendix D.6

Sediment Samples
Sites 1 and 3

APPENDIX D.6

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Sediment Samples	
BN-16-S1-LTSD1	SED-01
BN-16-S1-LTSD3	SED-03
BN-16-S1-LTSD4	SED-04
BN-16-S1-LTSD5	SED-05
BN-16-S1-LTSD9	SED-09
BN-16-S1-LTXD1	SED-09 – Duplicate
Equipment Rinsate Blank	
BN-16-S1-QS002	Rinse Blank
Source Water Blank	
BN-16-S1-QD001	Source Water

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Client: EA
Contact: Sue Chase
Phone #: (207) 798-5977
Fax #: (207) 798-463[illegible]
Address: 3 Washington Center
City: Newburgh
State: NY
Zip Code: 12550
Purchase Order #:
Proj. Name / No.: LTMP Event 16
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: ~~WQ1002~~ WQ1003
KATAHDIN PROJECT MANAGER
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC	Filt. ☐Y☒N TAL Metals	Filt. ☐Y☐N	Filt. ☐Y☐N MS	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-16-SI-LTSD1	4/13 / 1330	Soil	2	~~X~~	X		MS						
	BN-16-SI-LTSD3	4/13 / ~~11~~ 1355	Soil	2		X		~~MS~~						
	BN-16-SI-LTSD4	4/13 / 1410	Soil	2	X	X								
	BN-16-SI-LTSD5	4/13 / 1430	S	2	X	X								
	BN-16-SI-LTSD9	4/13 / 1450	S	2	X	X								
	BN-16-SI-LTXD1	4/13 / —	S	2	X	X								
	BN-16-SI-LTSD8	4/13 / 1330	S	2	X	MS	/	MSD						
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS: all Samples included in SDG# BN-16-SI-LTSD1, SDG starts & ends with this COC.
Please send copies of COC and Form I's to Sue Chase.

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	4/14/00 1000	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: (207) 798-5977

Fax #: (207) 798-4

Address: 3 Washington Center

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: LTMP Event 16

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

Copies To:

LAB USE ONLY

WORK ORDER #: WQ1001 -

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	TAL metals									
✓	BN-16-SI-SP001	4/13 / 1310	W	9	X			MS / MSD							
	BN-16-SI-SP001	4/13 / 1310	W	2		X		MS							
✓	BN-16-SI-SP003	4/13 / 1345	W	4	X	X									
✓	BN-16-SI-SP004	4/13 / 1400	W	4	X	X									
✓	BN-16-SI-SP005	4/13 / 1420	W	4	X	X									
✓	BN-16-SI-SP009	4/13 / 1440	W	4	X	X									
	BN-16-SI-SPXD1	4/13 / —	W	4	X	X									
	BN-16-SI-QS001 water	4/13 / 1550	W	4	X	X									
✓	BN-16-SI-QS002 SD.15	4/13 / 1555	W	4	X	X									
	BN-16-SI-SW004	4/13 / 1340	W	4	X	X									
✓	BN-16-SI-SWXD1	4/13 / —	W	4	X	X									
✓	BN-16-SI-SW007	4/13 / 1350	W	4	X	X									
	BN-16-SI-SW008	4/13 / 1310	W	4	X	X									
	BN-16-SI-SW009	4/13 / 1300	W	4	X	X									
	BN-16-SI-QD001	4/13 / 0915	W	4	X	X									
		/													

COMMENTS Begins + Ends SDG # BN-16-SI-SP001
temp blank + trip blank included

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	4/14/00 1000	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-1
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 20
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD1	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/Kg	5.1	10	2.0
BROMOMETHANE	<10	ug/Kg	5.1	10	2.0
VINYL CHLORIDE	<10	ug/Kg	5.1	10	2.0
CHLOROETHANE	<10	ug/Kg	5.1	10	2.0
METHYLENE CHLORIDE	B53	ug/Kg	5.1	5	1.0
ACETONE	B85	ug/Kg	5.1	26	5
CARBON DISULFIDE	<5	ug/Kg	5.1	5	1.0
1,1-DICHLOROETHENE	<5	ug/Kg	5.1	5	1.0
1,1-DICHLOROETHANE	27	ug/Kg	5.1	5	1.0
TOTAL 1,2-DICHLOROETHENE	<5	ug/Kg	5.1	5	1.0
CHLOROFORM	<5	ug/Kg	5.1	5	1.0
1,2-DICHLOROETHANE	<5	ug/Kg	5.1	5	1.0
2-BUTANONE	37	ug/Kg	5.1	26	5
1,1,1-TRICHLOROETHANE	<5	ug/Kg	5.1	5	1.0
CARBON TETRACHLORIDE	<5	ug/Kg	5.1	5	1.0
BROMODICHLOROMETHANE	<5	ug/Kg	5.1	5	1.0
1,2-DICHLOROPROPANE	<5	ug/Kg	5.1	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/Kg	5.1	5	1.0
TRICHLOROETHENE	<5	ug/Kg	5.1	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/Kg	5.1	5	1.0
1,1,2-TRICHLOROETHANE	23	ug/Kg	5.1	5	1.0
BENZENE	<26	ug/Kg	5.1	26	5.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/Kg	5.1	5	1.0
BROMOFORM	<5	ug/Kg	5.1	5	1.0
4-METHYL-2-PENTANONE	<15	ug/Kg	5.1	15	3
2-HEXANONE	<20	ug/Kg	5.1	20	4
TETRACHLOROETHENE	<5	ug/Kg	5.1	5	1.0
1,1,2,2-TETRACHLOROETHANE	20	ug/Kg	5.1	5	1.0
TOLUENE	<26	ug/Kg	5.1	26	5.0
CHLOROBENZENE	<5	ug/Kg	5.1	5	1.0
ETHYLBENZENE	<26	ug/Kg	5.1	26	5.0
STYRENE	<5	ug/Kg	5.1	5	1.0
TOTAL XYLENES	<26	ug/Kg	5.1	26	5.0

Report Notes: B, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-1
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 20
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD1	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/Kg	5.1	5	1.0
1,3-DICHLOROBENZENE	<5	ug/Kg	5.1	5	1.0
1,4-DICHLOROBENZENE	<5	ug/Kg	5.1	5	1.0
DIBROMOFLUOROMETHANE	116	%	5.1		
TOLUENE-D8	104	%	5.1		
P-BROMOFLUOROBENZENE	66	%	5.1		
1,2-DICHLOROETHANE-D4	110	%	5.1		

Report Notes: B, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-2
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 44
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD3	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<5	ug/Kg	2.3	5	2.0
BROMOMETHANE	<5	ug/Kg	2.3	5	2.0
VINYL CHLORIDE	<5	ug/Kg	2.3	5	2.0
CHLOROETHANE	<5	ug/Kg	2.3	5	2.0
METHYLENE CHLORIDE	B19	ug/Kg	2.3	2	1.0
ACETONE	<12	ug/Kg	2.3	12	5
CARBON DISULFIDE	<2	ug/Kg	2.3	2	1.0
1,1-DICHLOROETHENE	<2	ug/Kg	2.3	2	1.0
1,1-DICHLOROETHANE	<2	ug/Kg	2.3	2	1.0
TOTAL 1,2-DICHLOROETHENE	<2	ug/Kg	2.3	2	1.0
CHLOROFORM	<2	ug/Kg	2.3	2	1.0
1,2-DICHLOROETHANE	<2	ug/Kg	2.3	2	1.0
2-BUTANONE	<12	ug/Kg	2.3	12	5
1,1,1-TRICHLOROETHANE	17	ug/Kg	2.3	2	1.0
CARBON TETRACHLORIDE	<2	ug/Kg	2.3	2	1.0
BROMODICHLOROMETHANE	<2	ug/Kg	2.3	2	1.0
1,2-DICHLOROPROPANE	<2	ug/Kg	2.3	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/Kg	2.3	2	1.0
TRICHLOROETHENE	<2	ug/Kg	2.3	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/Kg	2.3	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/Kg	2.3	2	1.0
BENZENE	<12	ug/Kg	2.3	12	5.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/Kg	2.3	2	1.0
BROMOFORM	<2	ug/Kg	2.3	2	1.0
4-METHYL-2-PENTANONE	<7	ug/Kg	2.3	7	3
2-HEXANONE	<9	ug/Kg	2.3	9	4
TETRACHLOROETHENE	<2	ug/Kg	2.3	2	1.0
1,1,2,2-TETRACHLOROETHANE	55	ug/Kg	2.3	2	1.0
TOLUENE	<12	ug/Kg	2.3	12	5.0
CHLOROBENZENE	<2	ug/Kg	2.3	2	1.0
ETHYLBENZENE	<12	ug/Kg	2.3	12	5.0
STYRENE	<2	ug/Kg	2.3	2	1.0
TOTAL XYLENES	<12	ug/Kg	2.3	12	5.0

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-2
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 44
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD3	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	7	ug/Kg	2.3	2	1.0
1,3-DICHLOROBENZENE	<2	ug/Kg	2.3	2	1.0
1,4-DICHLOROBENZENE	<2	ug/Kg	2.3	2	1.0
DIBROMOFLUOROMETHANE	109	%	2.3		
TOLUENE-D8	93	%	2.3		
P-BROMOFLUOROBENZENE	$56	%	2.3		
1,2-DICHLOROETHANE-D4	104	%	2.3		

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-2RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 44
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD3	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<5	ug/Kg	2.3	5	2.0
BROMOMETHANE	<5	ug/Kg	2.3	5	2.0
VINYL CHLORIDE	<5	ug/Kg	2.3	5	2.0
CHLOROETHANE	<5	ug/Kg	2.3	5	2.0
METHYLENE CHLORIDE	B16	ug/Kg	2.3	2	1.0
ACETONE	<12	ug/Kg	2.3	12	5
CARBON DISULFIDE	<2	ug/Kg	2.3	2	1.0
1,1-DICHLOROETHENE	<2	ug/Kg	2.3	2	1.0
1,1-DICHLOROETHANE	<2	ug/Kg	2.3	2	1.0
TOTAL 1,2-DICHLOROETHENE	<2	ug/Kg	2.3	2	1.0
CHLOROFORM	<2	ug/Kg	2.3	2	1.0
1,2-DICHLOROETHANE	<2	ug/Kg	2.3	2	1.0
2-BUTANONE	<12	ug/Kg	2.3	12	5
1,1,1-TRICHLOROETHANE	16	ug/Kg	2.3	2	1.0
CARBON TETRACHLORIDE	<2	ug/Kg	2.3	2	1.0
BROMODICHLOROMETHANE	<2	ug/Kg	2.3	2	1.0
1,2-DICHLOROPROPANE	<2	ug/Kg	2.3	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/Kg	2.3	2	1.0
TRICHLOROETHENE	<2	ug/Kg	2.3	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/Kg	2.3	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/Kg	2.3	2	1.0
BENZENE	<12	ug/Kg	2.3	12	5.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/Kg	2.3	2	1.0
BROMOFORM	<2	ug/Kg	2.3	2	1.0
4-METHYL-2-PENTANONE	<7	ug/Kg	2.3	7	3
2-HEXANONE	<9	ug/Kg	2.3	9	4
TETRACHLOROETHENE	<2	ug/Kg	2.3	2	1.0
1,1,2,2-TETRACHLOROETHANE	45	ug/Kg	2.3	2	1.0
TOLUENE	<12	ug/Kg	2.3	12	5.0
CHLOROBENZENE	<2	ug/Kg	2.3	2	1.0
ETHYLBENZENE	<12	ug/Kg	2.3	12	5.0
STYRENE	<2	ug/Kg	2.3	2	1.0
TOTAL XYLENES	<12	ug/Kg	2.3	12	5.0

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-2RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 44
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD3	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	9	ug/Kg	2.3	2	1.0
1,3-DICHLOROBENZENE	<2	ug/Kg	2.3	2	1.0
1,4-DICHLOROBENZENE	<2	ug/Kg	2.3	2	1.0
DIBROMOFLUOROMETHANE	138	%	2.3		
TOLUENE-D8	125	%	2.3		
P-BROMOFLUOROBENZENE	$64	%	2.3		
1,2-DICHLOROETHANE-D4	116	%	2.3		

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-3
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 14
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD4	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<15	ug/Kg	7.4	15	2.0
BROMOMETHANE	<15	ug/Kg	7.4	15	2.0
VINYL CHLORIDE	47	ug/Kg	7.4	15	2.0
CHLOROETHANE	<15	ug/Kg	7.4	15	2.0
METHYLENE CHLORIDE	B110	ug/Kg	7.4	7	1.0
ACETONE	B460	ug/Kg	7.4	37	5
CARBON DISULFIDE	<7	ug/Kg	7.4	7	1.0
1,1-DICHLOROETHENE	<7	ug/Kg	7.4	7	1.0
1,1-DICHLOROETHANE	170	ug/Kg	7.4	7	1.0
TOTAL 1,2-DICHLOROETHENE	430	ug/Kg	7.4	7	1.0
CHLOROFORM	<7	ug/Kg	7.4	7	1.0
1,2-DICHLOROETHANE	<7	ug/Kg	7.4	7	1.0
2-BUTANONE	180	ug/Kg	7.4	37	5
1,1,1-TRICHLOROETHANE	<7	ug/Kg	7.4	7	1.0
CARBON TETRACHLORIDE	<7	ug/Kg	7.4	7	1.0
BROMODICHLOROMETHANE	<7	ug/Kg	7.4	7	1.0
1,2-DICHLOROPROPANE	<7	ug/Kg	7.4	7	1.0
CIS-1,3-DICHLOROPROPENE	<7	ug/Kg	7.4	7	1.0
TRICHLOROETHENE	140	ug/Kg	7.4	7	1.0
DIBROMOCHLOROMETHANE	<7	ug/Kg	7.4	7	1.0
1,1,2-TRICHLOROETHANE	<7	ug/Kg	7.4	7	1.0
BENZENE	<37	ug/Kg	7.4	37	5.0
TRANS-1,3-DICHLOROPROPENE	<7	ug/Kg	7.4	7	1.0
BROMOFORM	<7	ug/Kg	7.4	7	1.0
4-METHYL-2-PENTANONE	<22	ug/Kg	7.4	22	3
2-HEXANONE	<30	ug/Kg	7.4	30	4
TETRACHLOROETHENE	<7	ug/Kg	7.4	7	1.0
1,1,2,2-TETRACHLOROETHANE	<7	ug/Kg	7.4	7	1.0
TOLUENE	<37	ug/Kg	7.4	37	5.0
CHLOROBENZENE	85	ug/Kg	7.4	7	1.0
ETHYLBENZENE	<37	ug/Kg	7.4	37	5.0
STYRENE	<7	ug/Kg	7.4	7	1.0
TOTAL XYLENES	<37	ug/Kg	7.4	37	5.0

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-3
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 14
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD4	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	420	ug/Kg	7.4	7	1.0
1,3-DICHLOROBENZENE	49	ug/Kg	7.4	7	1.0
1,4-DICHLOROBENZENE	830	ug/Kg	7.4	7	1.0
DIBROMOFLUOROMETHANE	130	%	7.4		
TOLUENE-D8	111	%	7.4		
P-BROMOFLUOROBENZENE	$40	%	7.4		
1,2-DICHLOROETHANE-D4	126	%	7.4		

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-3RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 14
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD4	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<15	ug/Kg	7.4	15	2.0
BROMOMETHANE	<15	ug/Kg	7.4	15	2.0
VINYL CHLORIDE	59	ug/Kg	7.4	15	2.0
CHLOROETHANE	<15	ug/Kg	7.4	15	2.0
METHYLENE CHLORIDE	B65	ug/Kg	7.4	7	1.0
ACETONE	B150	ug/Kg	7.4	37	5
CARBON DISULFIDE	<7	ug/Kg	7.4	7	1.0
1,1-DICHLOROETHENE	<7	ug/Kg	7.4	7	1.0
1,1-DICHLOROETHANE	200	ug/Kg	7.4	7	1.0
TOTAL 1,2-DICHLOROETHENE	450	ug/Kg	7.4	7	1.0
CHLOROFORM	<7	ug/Kg	7.4	7	1.0
1,2-DICHLOROETHANE	<7	ug/Kg	7.4	7	1.0
2-BUTANONE	64	ug/Kg	7.4	37	5
1,1,1-TRICHLOROETHANE	<7	ug/Kg	7.4	7	1.0
CARBON TETRACHLORIDE	<7	ug/Kg	7.4	7	1.0
BROMODICHLOROMETHANE	<7	ug/Kg	7.4	7	1.0
1,2-DICHLOROPROPANE	<7	ug/Kg	7.4	7	1.0
CIS-1,3-DICHLOROPROPENE	<7	ug/Kg	7.4	7	1.0
TRICHLOROETHENE	140	ug/Kg	7.4	7	1.0
DIBROMOCHLOROMETHANE	<7	ug/Kg	7.4	7	1.0
1,1,2-TRICHLOROETHANE	<7	ug/Kg	7.4	7	1.0
BENZENE	<37	ug/Kg	7.4	37	5.0
TRANS-1,3-DICHLOROPROPENE	<7	ug/Kg	7.4	7	1.0
BROMOFORM	<7	ug/Kg	7.4	7	1.0
4-METHYL-2-PENTANONE	<22	ug/Kg	7.4	22	3
2-HEXANONE	<30	ug/Kg	7.4	30	4
TETRACHLOROETHENE	<7	ug/Kg	7.4	7	1.0
1,1,2,2-TETRACHLOROETHANE	<7	ug/Kg	7.4	7	1.0
TOLUENE	<37	ug/Kg	7.4	37	5.0
CHLOROBENZENE	77	ug/Kg	7.4	7	1.0
ETHYLBENZENE	<37	ug/Kg	7.4	37	5.0
STYRENE	<7	ug/Kg	7.4	7	1.0
TOTAL XYLENES	<37	ug/Kg	7.4	37	5.0

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-3RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 14
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD4	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	350	ug/Kg	7.4	7	1.0
1,3-DICHLOROBENZENE	32	ug/Kg	7.4	7	1.0
1,4-DICHLOROBENZENE	660	ug/Kg	7.4	7	1.0
DIBROMOFLUOROMETHANE	127	%	7.4		
TOLUENE-D8	117	%	7.4		
P-BROMOFLUOROBENZENE	$47	%	7.4		
1,2-DICHLOROETHANE-D4	126	%	7.4		

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-4
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 12
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD5	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<17	ug/Kg	8.5	17	2.0
BROMOMETHANE	<17	ug/Kg	8.5	17	2.0
VINYL CHLORIDE	<17	ug/Kg	8.5	17	2.0
CHLOROETHANE	<17	ug/Kg	8.5	17	2.0
METHYLENE CHLORIDE	B140	ug/Kg	8.5	8	1.0
ACETONE	B250	ug/Kg	8.5	42	5
CARBON DISULFIDE	<8	ug/Kg	8.5	8	1.0
1,1-DICHLOROETHENE	<8	ug/Kg	8.5	8	1.0
1,1-DICHLOROETHANE	<8	ug/Kg	8.5	8	1.0
TOTAL 1,2-DICHLOROETHENE	<8	ug/Kg	8.5	8	1.0
CHLOROFORM	<8	ug/Kg	8.5	8	1.0
1,2-DICHLOROETHANE	<8	ug/Kg	8.5	8	1.0
2-BUTANONE	110	ug/Kg	8.5	42	5
1,1,1-TRICHLOROETHANE	<8	ug/Kg	8.5	8	1.0
CARBON TETRACHLORIDE	<8	ug/Kg	8.5	8	1.0
BROMODICHLOROMETHANE	<8	ug/Kg	8.5	8	1.0
1,2-DICHLOROPROPANE	<8	ug/Kg	8.5	8	1.0
CIS-1,3-DICHLOROPROPENE	<8	ug/Kg	8.5	8	1.0
TRICHLOROETHENE	<8	ug/Kg	8.5	8	1.0
DIBROMOCHLOROMETHANE	<8	ug/Kg	8.5	8	1.0
1,1,2-TRICHLOROETHANE	<8	ug/Kg	8.5	8	1.0
BENZENE	<42	ug/Kg	8.5	42	5.0
TRANS-1,3-DICHLOROPROPENE	<8	ug/Kg	8.5	8	1.0
BROMOFORM	<8	ug/Kg	8.5	8	1.0
4-METHYL-2-PENTANONE	<26	ug/Kg	8.5	26	3
2-HEXANONE	<34	ug/Kg	8.5	34	4
TETRACHLOROETHENE	<8	ug/Kg	8.5	8	1.0
1,1,2,2-TETRACHLOROETHANE	<8	ug/Kg	8.5	8	1.0
TOLUENE	<42	ug/Kg	8.5	42	5.0
CHLOROBENZENE	22	ug/Kg	8.5	8	1.0
ETHYLBENZENE	<42	ug/Kg	8.5	42	5.0
STYRENE	<8	ug/Kg	8.5	8	1.0
TOTAL XYLENES	<42	ug/Kg	8.5	42	5.0

Report Notes: B, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-4
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 12
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD5	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	890	ug/Kg	8.5	8	1.0
1,3-DICHLOROBENZENE	<8	ug/Kg	8.5	8	1.0
1,4-DICHLOROBENZENE	690	ug/Kg	8.5	8	1.0
DIBROMOFLUOROMETHANE	146	%	8.5		
TOLUENE-D8	122	%	8.5		
P-BROMOFLUOROBENZENE	66	%	8.5		
1,2-DICHLOROETHANE-D4	131	%	8.5		

Report Notes: B, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-4RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 12
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD5	SL	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<17	ug/Kg	8.5	17	2.0
BROMOMETHANE	<17	ug/Kg	8.5	17	2.0
VINYL CHLORIDE	<17	ug/Kg	8.5	17	2.0
CHLOROETHANE	<17	ug/Kg	8.5	17	2.0
METHYLENE CHLORIDE	B79	ug/Kg	8.5	8	1.0
ACETONE	240	ug/Kg	8.5	42	5
CARBON DISULFIDE	<8	ug/Kg	8.5	8	1.0
1,1-DICHLOROETHENE	<8	ug/Kg	8.5	8	1.0
1,1-DICHLOROETHANE	<8	ug/Kg	8.5	8	1.0
TOTAL 1,2-DICHLOROETHENE	<8	ug/Kg	8.5	8	1.0
CHLOROFORM	<8	ug/Kg	8.5	8	1.0
1,2-DICHLOROETHANE	<8	ug/Kg	8.5	8	1.0
2-BUTANONE	120	ug/Kg	8.5	42	5
1,1,1-TRICHLOROETHANE	<8	ug/Kg	8.5	8	1.0
CARBON TETRACHLORIDE	<8	ug/Kg	8.5	8	1.0
BROMODICHLOROMETHANE	<8	ug/Kg	8.5	8	1.0
1,2-DICHLOROPROPANE	<8	ug/Kg	8.5	8	1.0
CIS-1,3-DICHLOROPROPENE	<8	ug/Kg	8.5	8	1.0
TRICHLOROETHENE	<8	ug/Kg	8.5	8	1.0
DIBROMOCHLOROMETHANE	<8	ug/Kg	8.5	8	1.0
1,1,2-TRICHLOROETHANE	<8	ug/Kg	8.5	8	1.0
BENZENE	<42	ug/Kg	8.5	42	5.0
TRANS-1,3-DICHLOROPROPENE	<8	ug/Kg	8.5	8	1.0
BROMOFORM	<8	ug/Kg	8.5	8	1.0
4-METHYL-2-PENTANONE	<26	ug/Kg	8.5	26	3
2-HEXANONE	<34	ug/Kg	8.5	34	4
TETRACHLOROETHENE	<8	ug/Kg	8.5	8	1.0
1,1,2,2-TETRACHLOROETHANE	<8	ug/Kg	8.5	8	1.0
TOLUENE	<42	ug/Kg	8.5	42	5.0
CHLOROBENZENE	29	ug/Kg	8.5	8	1.0
ETHYLBENZENE	<42	ug/Kg	8.5	42	5.0
STYRENE	<8	ug/Kg	8.5	8	1.0
TOTAL XYLENES	<42	ug/Kg	8.5	42	5.0

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-4RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 12
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD5	SL	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	1000	ug/Kg	8.5	8	1.0
1,3-DICHLOROBENZENE	<8	ug/Kg	8.5	8	1.0
1,4-DICHLOROBENZENE	810	ug/Kg	8.5	8	1.0
DIBROMOFLUOROMETHANE	89	%	8.5		
TOLUENE-D8	97	%	8.5		
P-BROMOFLUOROBENZENE	$60	%	8.5		
1,2-DICHLOROETHANE-D4	80	%	8.5		

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-5
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 28
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD9	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<7	ug/Kg	3.6	7	2.0
BROMOMETHANE	<7	ug/Kg	3.6	7	2.0
VINYL CHLORIDE	<7	ug/Kg	3.6	7	2.0
CHLOROETHANE	<7	ug/Kg	3.6	7	2.0
METHYLENE CHLORIDE	B31	ug/Kg	3.6	4	1.0
ACETONE	B46	ug/Kg	3.6	18	5
CARBON DISULFIDE	<4	ug/Kg	3.6	4	1.0
1,1-DICHLOROETHENE	<4	ug/Kg	3.6	4	1.0
1,1-DICHLOROETHANE	<4	ug/Kg	3.6	4	1.0
TOTAL 1,2-DICHLOROETHENE	<4	ug/Kg	3.6	4	1.0
CHLOROFORM	<4	ug/Kg	3.6	4	1.0
1,2-DICHLOROETHANE	<4	ug/Kg	3.6	4	1.0
2-BUTANONE	<18	ug/Kg	3.6	18	5
1,1,1-TRICHLOROETHANE	<4	ug/Kg	3.6	4	1.0
CARBON TETRACHLORIDE	<4	ug/Kg	3.6	4	1.0
BROMODICHLOROMETHANE	<4	ug/Kg	3.6	4	1.0
1,2-DICHLOROPROPANE	<4	ug/Kg	3.6	4	1.0
CIS-1,3-DICHLOROPROPENE	<4	ug/Kg	3.6	4	1.0
TRICHLOROETHENE	<4	ug/Kg	3.6	4	1.0
DIBROMOCHLOROMETHANE	<4	ug/Kg	3.6	4	1.0
1,1,2-TRICHLOROETHANE	<4	ug/Kg	3.6	4	1.0
BENZENE	<18	ug/Kg	3.6	18	5.0
TRANS-1,3-DICHLOROPROPENE	<4	ug/Kg	3.6	4	1.0
BROMOFORM	<4	ug/Kg	3.6	4	1.0
4-METHYL-2-PENTANONE	<11	ug/Kg	3.6	11	3
2-HEXANONE	<14	ug/Kg	3.6	14	4
TETRACHLOROETHENE	<4	ug/Kg	3.6	4	1.0
1,1,2,2-TETRACHLOROETHANE	<4	ug/Kg	3.6	4	1.0
TOLUENE	<18	ug/Kg	3.6	18	5.0
CHLOROBENZENE	9	ug/Kg	3.6	4	1.0
ETHYLBENZENE	<18	ug/Kg	3.6	18	5.0
STYRENE	<4	ug/Kg	3.6	4	1.0
TOTAL XYLENES	<18	ug/Kg	3.6	18	5.0

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-5
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 28
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD9	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	58	ug/Kg	3.6	4	1.0
1,3-DICHLOROBENZENE	<4	ug/Kg	3.6	4	1.0
1,4-DICHLOROBENZENE	22	ug/Kg	3.6	4	1.0
DIBROMOFLUOROMETHANE	90	%	3.6		
TOLUENE-D8	76	%	3.6		
P-BROMOFLUOROBENZENE	$44	%	3.6		
1,2-DICHLOROETHANE-D4	86	%	3.6		

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-5RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 28
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD9	SL	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<7	ug/Kg	3.6	7	2.0
BROMOMETHANE	<7	ug/Kg	3.6	7	2.0
VINYL CHLORIDE	<7	ug/Kg	3.6	7	2.0
CHLOROETHANE	<7	ug/Kg	3.6	7	2.0
METHYLENE CHLORIDE	B29	ug/Kg	3.6	4	1.0
ACETONE	73	ug/Kg	3.6	18	5
CARBON DISULFIDE	<4	ug/Kg	3.6	4	1.0
1,1-DICHLOROETHENE	<4	ug/Kg	3.6	4	1.0
1,1-DICHLOROETHANE	13	ug/Kg	3.6	4	1.0
TOTAL 1,2-DICHLOROETHENE	<4	ug/Kg	3.6	4	1.0
CHLOROFORM	<4	ug/Kg	3.6	4	1.0
1,2-DICHLOROETHANE	<4	ug/Kg	3.6	4	1.0
2-BUTANONE	29	ug/Kg	3.6	18	5
1,1,1-TRICHLOROETHANE	<4	ug/Kg	3.6	4	1.0
CARBON TETRACHLORIDE	<4	ug/Kg	3.6	4	1.0
BROMODICHLOROMETHANE	<4	ug/Kg	3.6	4	1.0
1,2-DICHLOROPROPANE	<4	ug/Kg	3.6	4	1.0
CIS-1,3-DICHLOROPROPENE	<4	ug/Kg	3.6	4	1.0
TRICHLOROETHENE	<4	ug/Kg	3.6	4	1.0
DIBROMOCHLOROMETHANE	<4	ug/Kg	3.6	4	1.0
1,1,2-TRICHLOROETHANE	<4	ug/Kg	3.6	4	1.0
BENZENE	<18	ug/Kg	3.6	18	5.0
TRANS-1,3-DICHLOROPROPENE	<4	ug/Kg	3.6	4	1.0
BROMOFORM	<4	ug/Kg	3.6	4	1.0
4-METHYL-2-PENTANONE	<11	ug/Kg	3.6	11	3
2-HEXANONE	<14	ug/Kg	3.6	14	4
TETRACHLOROETHENE	<4	ug/Kg	3.6	4	1.0
1,1,2,2-TETRACHLOROETHANE	<4	ug/Kg	3.6	4	1.0
TOLUENE	<18	ug/Kg	3.6	18	5.0
CHLOROBENZENE	55	ug/Kg	3.6	4	1.0
ETHYLBENZENE	<18	ug/Kg	3.6	18	5.0
STYRENE	<4	ug/Kg	3.6	4	1.0
TOTAL XYLENES	<18	ug/Kg	3.6	18	5.0

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-5RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: 28
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTSD9	SL	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	480	ug/Kg	3.6	4	1.0
1,3-DICHLOROBENZENE	<4	ug/Kg	3.6	4	1.0
1,4-DICHLOROBENZENE	140	ug/Kg	3.6	4	1.0
DIBROMOFLUOROMETHANE	97	%	3.6		
TOLUENE-D8	100	%	3.6		
P-BROMOFLUOROBENZENE	$59	%	3.6		
1,2-DICHLOROETHANE-D4	101	%	3.6		

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-6
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 26
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTXD1	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<8	ug/Kg	3.9	8	2.0
BROMOMETHANE	<8	ug/Kg	3.9	8	2.0
VINYL CHLORIDE	<8	ug/Kg	3.9	8	2.0
CHLOROETHANE	14	ug/Kg	3.9	8	2.0
METHYLENE CHLORIDE	B48	ug/Kg	3.9	4	1.0
ACETONE	B83	ug/Kg	3.9	20	5
CARBON DISULFIDE	<4	ug/Kg	3.9	4	1.0
1,1-DICHLOROETHENE	<4	ug/Kg	3.9	4	1.0
1,1-DICHLOROETHANE	14	ug/Kg	3.9	4	1.0
TOTAL 1,2-DICHLOROETHENE	<4	ug/Kg	3.9	4	1.0
CHLOROFORM	<4	ug/Kg	3.9	4	1.0
1,2-DICHLOROETHANE	<4	ug/Kg	3.9	4	1.0
2-BUTANONE	32	ug/Kg	3.9	20	5
1,1,1-TRICHLOROETHANE	<4	ug/Kg	3.9	4	1.0
CARBON TETRACHLORIDE	<4	ug/Kg	3.9	4	1.0
BROMODICHLOROMETHANE	<4	ug/Kg	3.9	4	1.0
1,2-DICHLOROPROPANE	<4	ug/Kg	3.9	4	1.0
CIS-1,3-DICHLOROPROPENE	<4	ug/Kg	3.9	4	1.0
TRICHLOROETHENE	<4	ug/Kg	3.9	4	1.0
DIBROMOCHLOROMETHANE	<4	ug/Kg	3.9	4	1.0
1,1,2-TRICHLOROETHANE	<4	ug/Kg	3.9	4	1.0
BENZENE	<20	ug/Kg	3.9	20	5.0
TRANS-1,3-DICHLOROPROPENE	<4	ug/Kg	3.9	4	1.0
BROMOFORM	<4	ug/Kg	3.9	4	1.0
4-METHYL-2-PENTANONE	<12	ug/Kg	3.9	12	3
2-HEXANONE	<16	ug/Kg	3.9	16	4
TETRACHLOROETHENE	<4	ug/Kg	3.9	4	1.0
1,1,2,2-TETRACHLOROETHANE	<4	ug/Kg	3.9	4	1.0
TOLUENE	<20	ug/Kg	3.9	20	5.0
CHLOROBENZENE	55	ug/Kg	3.9	4	1.0
ETHYLBENZENE	<20	ug/Kg	3.9	20	5.0
STYRENE	<4	ug/Kg	3.9	4	1.0
TOTAL XYLENES	<20	ug/Kg	3.9	20	5.0

Report Notes: B, O-13

KATAHDIN ANALYTICAL SERVICES
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Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 26
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTXD1	SL	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	510	ug/Kg	3.9	4	1.0
1,3-DICHLOROBENZENE	<4	ug/Kg	3.9	4	1.0
1,4-DICHLOROBENZENE	150	ug/Kg	3.9	4	1.0
DIBROMOFLUOROMETHANE	127	%	3.9		
TOLUENE-D8	131	%	3.9		
P-BROMOFLUOROBENZENE	70	%	3.9		
1,2-DICHLOROETHANE-D4	124	%	3.9		

Report Notes: B, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-6RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 26
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTXD1	SL	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<8	ug/Kg	3.9	8	2.0
BROMOMETHANE	<8	ug/Kg	3.9	8	2.0
VINYL CHLORIDE	<8	ug/Kg	3.9	8	2.0
CHLOROETHANE	11	ug/Kg	3.9	8	2.0
METHYLENE CHLORIDE	B41	ug/Kg	3.9	4	1.0
ACETONE	130	ug/Kg	3.9	20	5
CARBON DISULFIDE	<4	ug/Kg	3.9	4	1.0
1,1-DICHLOROETHENE	<4	ug/Kg	3.9	4	1.0
1,1-DICHLOROETHANE	12	ug/Kg	3.9	4	1.0
TOTAL 1,2-DICHLOROETHENE	<4	ug/Kg	3.9	4	1.0
CHLOROFORM	<4	ug/Kg	3.9	4	1.0
1,2-DICHLOROETHANE	<4	ug/Kg	3.9	4	1.0
2-BUTANONE	57	ug/Kg	3.9	20	5
1,1,1-TRICHLOROETHANE	<4	ug/Kg	3.9	4	1.0
CARBON TETRACHLORIDE	<4	ug/Kg	3.9	4	1.0
BROMODICHLOROMETHANE	<4	ug/Kg	3.9	4	1.0
1,2-DICHLOROPROPANE	<4	ug/Kg	3.9	4	1.0
CIS-1,3-DICHLOROPROPENE	<4	ug/Kg	3.9	4	1.0
TRICHLOROETHENE	<4	ug/Kg	3.9	4	1.0
DIBROMOCHLOROMETHANE	<4	ug/Kg	3.9	4	1.0
1,1,2-TRICHLOROETHANE	<4	ug/Kg	3.9	4	1.0
BENZENE	<20	ug/Kg	3.9	20	5.0
TRANS-1,3-DICHLOROPROPENE	<4	ug/Kg	3.9	4	1.0
BROMOFORM	<4	ug/Kg	3.9	4	1.0
4-METHYL-2-PENTANONE	<12	ug/Kg	3.9	12	3
2-HEXANONE	<16	ug/Kg	3.9	16	4
TETRACHLOROETHENE	<4	ug/Kg	3.9	4	1.0
1,1,2,2-TETRACHLOROETHANE	<4	ug/Kg	3.9	4	1.0
TOLUENE	<20	ug/Kg	3.9	20	5.0
CHLOROBENZENE	66	ug/Kg	3.9	4	1.0
ETHYLBENZENE	<20	ug/Kg	3.9	20	5.0
STYRENE	<4	ug/Kg	3.9	4	1.0
TOTAL XYLENES	<20	ug/Kg	3.9	20	5.0

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1003-6RA
SDG: BN16S1LTSD1
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: 26
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-LTXD1	SL	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	610	ug/Kg	3.9	4	1.0
1,3-DICHLOROBENZENE	<4	ug/Kg	3.9	4	1.0
1,4-DICHLOROBENZENE	180	ug/Kg	3.9	4	1.0
DIBROMOFLUOROMETHANE	97	%	3.9		
TOLUENE-D8	113	%	3.9		
P-BROMOFLUOROBENZENE	$62	%	3.9		
1,2-DICHLOROETHANE-D4	105	%	3.9		

Report Notes: B, $, O-13

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-8
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QS002	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
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Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-8
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QS002	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	97	%	1.0		
TOLUENE-D8	102	%	1.0		
P-BROMOFLUOROBENZENE	100	%	1.0		
1,2-DICHLOROETHANE-D4	90	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	94	%	1.0		

Report Notes:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-16-S1-LTSD1

Matrix: SOIL **SDG Name:** BN16S1LTSD1

Percent Solids: 19.7 **Lab Sample ID:** WQ1003-001

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	534		E	P	1
7440-36-0	ANTIMONY	4.31	U		P	5
7440-38-2	ARSENIC	6.2	B		P	5
7440-39-3	BARIUM	127			P	1
7440-41-7	BERYLLIUM	0.31	B		P	1
7440-43-9	CADMIUM	0.56	U		P	5
7440-70-2	CALCIUM	10900			P	1
7440-47-3	CHROMIUM	0.27	U		P	1
7440-48-4	COBALT	14.0		E	P	1
7440-50-8	COPPER	6.0	B		P	5
7439-89-6	IRON	247000			P	5
7439-92-1	LEAD	4.7	B		P	5
7439-95-4	MAGNESIUM	314			P	1
7439-96-5	MANGANESE	855			P	1
7439-97-6	MERCURY	0.24			CV	1
7440-02-0	NICKEL	22.3		E	P	1
7440-09-7	POTASSIUM	330	B		P	1
7782-49-2	SELENIUM	5.53	U		P	5
7440-22-4	SILVER	0.39	U		P	1
7440-23-5	SODIUM	160			P	1
7440-28-0	THALLIUM	7.8	B		P	5
7440-62-2	VANADIUM	5.8	B		P	1
7440-66-6	ZINC	43.4		E	P	1

Color Before: BROWN Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-16-S1-LTSD3

Matrix: SOIL **SDG Name:** BN16S1LTSD1

Percent Solids: 44.3 **Lab Sample ID:** WQ1003-002

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	4330		E	P	1
7440-36-0	ANTIMONY	0.41	U		P	1
7440-38-2	ARSENIC	4.2			P	1
7440-39-3	BARIUM	118			P	1
7440-41-7	BERYLLIUM	0.36	B		P	1
7440-43-9	CADMIUM	0.32	B		P	1
7440-70-2	CALCIUM	3610			P	1
7440-47-3	CHROMIUM	13.2			P	1
7440-48-4	COBALT	10.7		E	P	1
7440-50-8	COPPER	6.0			P	1
7439-89-6	IRON	36800			P	5
7439-92-1	LEAD	6.5			P	1
7439-95-4	MAGNESIUM	2020			P	1
7439-96-5	MANGANESE	7180			P	5
7439-97-6	MERCURY	0.14			CV	1
7440-02-0	NICKEL	10.9		E	P	1
7440-09-7	POTASSIUM	896			P	1
7782-49-2	SELENIUM	0.56	B		P	1
7440-22-4	SILVER	0.84	B		P	1
7440-23-5	SODIUM	85.1			P	1
7440-28-0	THALLIUM	0.58	U		P	1
7440-62-2	VANADIUM	15.2			P	1
7440-66-6	ZINC	21.7		E	P	1

Color Before: BROWN Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR

Comments:

FORM I - IN

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-LTSD4

Matrix: SOIL | SDG Name: BN16S1LTSD1

Percent Solids: 13.5 | Lab Sample ID: WQ1003-003

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	2250		E	P	1
7440-36-0	ANTIMONY	2.64	U		P	2
7440-38-2	ARSENIC	79.9			P	2
7440-39-3	BARIUM	82.6			P	1
7440-41-7	BERYLLIUM	0.64	B		P	1
7440-43-9	CADMIUM	0.76	B		P	2
7440-70-2	CALCIUM	19800			P	1
7440-47-3	CHROMIUM	11.2			P	1
7440-48-4	COBALT	23.3		E	P	1
7440-50-8	COPPER	12.6	B		P	2
7439-89-6	IRON	221000			P	2
7439-92-1	LEAD	35.8			P	2
7439-95-4	MAGNESIUM	947			P	1
7439-96-5	MANGANESE	422			P	1
7439-97-6	MERCURY	1.1			CV	1
7440-02-0	NICKEL	14.2	B	E	P	1
7440-09-7	POTASSIUM	663			P	1
7782-49-2	SELENIUM	3.6	B		P	2
7440-22-4	SILVER	0.59	U		P	1
7440-23-5	SODIUM	324			P	1
7440-28-0	THALLIUM	3.73	U		P	2
7440-62-2	VANADIUM	24.3			P	1
7440-66-6	ZINC	23.0		E	P	1

Color Before: BROWN | Texture: MEDIUM

Color After: YELLOW | Clarity After: CLEAR

Comments:

FORM I - IN

I

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-LTSD5

Matrix: SOIL | SDG Name: BN16S1LTSD1

Percent Solids: 11.7 | Lab Sample ID: WQ1003-004

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	8200		E	P	1
7440-36-0	ANTIMONY	1.41	U		P	1
7440-38-2	ARSENIC	426			P	1
7440-39-3	BARIUM	42.2			P	1
7440-41-7	BERYLLIUM	0.92	B		P	1
7440-43-9	CADMIUM	0.88	B		P	1
7440-70-2	CALCIUM	10900			P	1
7440-47-3	CHROMIUM	21.1			P	1
7440-48-4	COBALT	140		E	P	1
7440-50-8	COPPER	17.9			P	1
7439-89-6	IRON	109000			P	1
7439-92-1	LEAD	65.4			P	1
7439-95-4	MAGNESIUM	3150			P	1
7439-96-5	MANGANESE	1880			P	1
7439-97-6	MERCURY	0.32			CV	1
7440-02-0	NICKEL	45.8		E	P	1
7440-09-7	POTASSIUM	1170			P	1
7782-49-2	SELENIUM	3.2	B		P	1
7440-22-4	SILVER	0.69	B		P	1
7440-23-5	SODIUM	512			P	1
7440-28-0	THALLIUM	1.99	U		P	1
7440-62-2	VANADIUM	39.5			P	1
7440-66-6	ZINC	58.8		E	P	1

Color Before: BROWN | Texture: MEDIUM

Color After: YELLOW | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-16-S1-LTSD9

Matrix: SOIL **SDG Name:** BN16S1LTSD1

Percent Solids: 28.2 **Lab Sample ID:** WQ1003-005

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	8560		E	P	1
7440-36-0	ANTIMONY	6.00	U		P	10
7440-38-2	ARSENIC	229			P	10
7440-39-3	BARIUM	79.0			P	1
7440-41-7	BERYLLIUM	0.60	B		P	1
7440-43-9	CADMIUM	0.78	U		P	10
7440-70-2	CALCIUM	12300			P	1
7440-47-3	CHROMIUM	14.4			P	1
7440-48-4	COBALT	81.7		E	P	1
7440-50-8	COPPER	17.8	B		P	10
7439-89-6	IRON	278000			P	10
7439-92-1	LEAD	33.2			P	10
7439-95-4	MAGNESIUM	2230			P	1
7439-96-5	MANGANESE	7270			P	10
7439-97-6	MERCURY	0.15			CV	1
7440-02-0	NICKEL	14.6		E	P	1
7440-09-7	POTASSIUM	1180			P	1
7782-49-2	SELENIUM	7.71	U		P	10
7440-22-4	SILVER	1.2	B		P	1
7440-23-5	SODIUM	222			P	1
7440-28-0	THALLIUM	10.0	B		P	10
7440-62-2	VANADIUM	13.5			P	1
7440-66-6	ZINC	80.6		E	P	1

Color Before: BROWN Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-16-S1-LTXD1

Matrix: SOIL **SDG Name:** BN16S1LTSD1

Percent Solids: 25.6 **Lab Sample ID:** WQ1003-006

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	7350		E	P	1
7440-36-0	ANTIMONY	6.77	U		P	10
7440-38-2	ARSENIC	354			P	10
7440-39-3	BARIUM	74.9			P	1
7440-41-7	BERYLLIUM	0.57	B		P	1
7440-43-9	CADMIUM	0.88	U		P	10
7440-70-2	CALCIUM	11500			P	1
7440-47-3	CHROMIUM	12.9			P	1
7440-48-4	COBALT	34.1		E	P	1
7440-50-8	COPPER	14.9	B		P	10
7439-89-6	IRON	304000			P	10
7439-92-1	LEAD	27.1			P	10
7439-95-4	MAGNESIUM	1980			P	1
7439-96-5	MANGANESE	6400			P	10
7439-97-6	MERCURY	0.14			CV	1
7440-02-0	NICKEL	10.8	B	E	P	1
7440-09-7	POTASSIUM	1140			P	1
7782-49-2	SELENIUM	8.70	U		P	10
7440-22-4	SILVER	1.0	B		P	1
7440-23-5	SODIUM	252			P	1
7440-28-0	THALLIUM	9.58	U		P	10
7440-62-2	VANADIUM	7.5			P	1
7440-66-6	ZINC	67.5		E	P	1

Color Before: BROWN Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-QS002
Matrix: WATER | SDG Name: BN16S1SP001
Percent Solids: 0.00 | Lab Sample ID: WQ1001-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	30.4	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	0.30	U		P	1
7440-41-7	BERYLLIUM	0.17	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	57.7			P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.7	B		P	1
7439-89-6	IRON	20.31	U		P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	5.51	U		P	1
7439-96-5	MANGANESE	0.55	B		P	1
7439-97-6	MERCURY	0.06	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	338.02	U		P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	69.3	B		P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	1.1	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR
Color After: COLORLESS | Clarity After: CLEAR
Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-QD001
Matrix: WATER | SDG Name: BN16S1SP001
Percent Solids: 0.00 | Lab Sample ID: WQ1001-014

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	16.44	U		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	0.30	U		P	1
7440-41-7	BERYLLIUM	0.18	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	24.7	B		P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	20.31	U		P	1
7439-92-1	LEAD	1.8	B		P	1
7439-95-4	MAGNESIUM	5.51	U		P	1
7439-96-5	MANGANESE	0.35	B		P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	342	B		P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	24.9	B		P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	0.32	U		P	1

Color Before: COLORLESS | Clarity Before: CLEAR
Color After: COLORLESS | Clarity After: CLEAR
Comments:

FORM I - IN

Appendix D.7

Leachate Station Sediment Samples
Sites 1 and 3

APPENDIX D.7

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Leachate Station Seep Samples	
BN-16-S1-SP001	SEEP-01
BN-16-S1-SP003	SEEP-03
BN-16-S1-SP004	SEEP-04
BN-16-S1-SP005	SEEP-05
BN-16-S1-SP009	SEEP-09
BN-16-S1-SPXD1	SEEP-09 – Duplicate
Trip Blank	
BN-16-EP-QT001 (4/13)	Trip Blank
Equipment Rinsate Blank	
BN-16-S1-QS001	Rinse Blank
Source Water Blank	
BN-16-S1-QD001	Source Water

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA
Contact: Sue Chase
Phone #: (207) 798-5977
Fax #: (207) 798-4636
Address: 3 Washington Center
City: Newburgh
State: NY
Zip Code: 12550
Purchase Order #:
Proj. Name / No.: LTMP Event 16
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WQ1001
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☐N VOC	Filt. ☐Y ☐N TAL metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
✓	BN-16-SI-SP001	4/13 / 1310	W	9	X		MS / MSD							
	BN-16-SI-SP001	4/13 / 1310	W	2		X	MS							
✓	BN-16-SI-SP003	4/13 / 1345	W	4	X	X								
	BN-16-SI-SP004	4/13 / 1400	W	4	X	X								
✓	BN-16-SI-SP005	4/13 / 1430	W	4	X	X								
✓	BN-16-SI-SP009	4/13 / 1440	W	4	X	X								
	BN-16-SI-SPX01	4/13 / —	W	4	X	X								
	BN-16-SI-QS001 water	4/13 / 1550	W	4	X	X								
✓	BN-16-SI-QS002	4/13 / 1555	W	4	X	X								
	BN-16-SI-SW004	4/13 / 1340	W	4	X	X								
✓	BN-16-SI-SWX01	4/13 / —	W	4	X	X								
	BN-16-SI-SW007	4/13 / 1350	W	4	X	X								
	~~BN-16-SI-SW008~~	~~4/13 / 1310~~	~~W~~	~~4~~	~~X~~	~~X~~								
	BN-16-SI-SW009	4/13 / 1300	W	4	X	X								
	BN-16-SI-QD001	4/13 / 0915	W	4	X	X								
		/												

COMMENTS Begins + Ends SDG # BN-16-SI-SP001
temp blank + trip blank included

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	4/14/00 1000	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: ( ) 778-5977

Fax #: ( ) 778-4[illegible]

Address:

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: Ev+16

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

Copies To:

LAB USE ONLY

WORK ORDER #: WO1004

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	1oC	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	BN-16-EP-SW10 MS/MSD	4/13 / 1048	W	9	X										
✓	BN-16EPSW11	4/13 / 1017	W	3	X										
✓	BN-16EPSW12	4/13 / 0942	W	3	X										
✓	BN-16-EPSW13	4/13 / 1030	W	3	X										
✓	BN-16-EPSW14	4/13 / 1008	W	3	X										
✓	BN-16-EPSW101	4/13 / —	W	3	X										
✓	BN-16-EP-GW00	4/13 / 0920	W	3	X										
✓	BN-16-EP-Soil11	4/13 / 1125	W	3	X										
✓	BN-16-EP-Soil10	4/13 / 1105	W	3	X										
✓	BN-16-EP-QT001	4/13 / 1030	W	3	X										
		/													
		/													
		/													
		/													
		/													
		/													

COMMENTS: Begins and ends SDG BN-16 EPSW0
Please forward COC + Form I's to Sue at Brunswick

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mike	4/14/00 1000	Amy Weck			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-1
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP001	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	2	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-1
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP001	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	97	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	103	%	1.0		
1,2-DICHLOROETHANE-D4	91	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-2
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP003	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	3	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	3	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-2
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP003	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	97	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	90	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-3
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP004	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	9	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	J0.6	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	12	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	27	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	4	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	J0.6	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-3
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP004	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	J0.7	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	95	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	100	%	1.0		
1,2-DICHLOROETHANE-D4	88	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-4
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP005	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.5	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-4
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/18/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP005	AQ	4/13/00	4/14/00	4/18/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	2	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	3	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	95	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	100	%	1.0		
1,2-DICHLOROETHANE-D4	86	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-5
SDG: BN16S1SP001
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP009	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	7	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	2	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-5
SDG: BN16S1SP001
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SP009	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	9	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	3	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	101	%	1.0		
1,2-DICHLOROETHANE-D4	91	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-6
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SPXD1	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	3	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	2	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-6
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-SPXD1	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	8	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	3	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	96	%	1.0		
TOLUENE-D8	104	%	1.0		
P-BROMOFLUOROBENZENE	101	%	1.0		
1,2-DICHLOROETHANE-D4	88	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	114	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	106	%	1.0		
1,2-DICHLOROETHANE-D4	119	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-7
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QS001	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.7	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-7
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QS001	AQ	4/13/00	4/14/00	4/19/00	BEM	5030	BEM

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	92	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	94	%	1.0		

Report Notes:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SP001

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-001

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	18200			P	1
7440-36-0	ANTIMONY	3.6	B		P	1
7440-38-2	ARSENIC	52.7			P	1
7440-39-3	BARIUM	752			P	1
7440-41-7	BERYLLIUM	11.4			P	1
7440-43-9	CADMIUM	20.0		E	P	1
7440-70-2	CALCIUM	228000			P	1
7440-47-3	CHROMIUM	32.8		E	P	1
7440-48-4	COBALT	1370			P	1
7440-50-8	COPPER	85.3			P	1
7439-89-6	IRON	197000			P	1
7439-92-1	LEAD	168			P	1
7439-95-4	MAGNESIUM	14800			P	1
7439-96-5	MANGANESE	14000			P	5
7439-97-6	MERCURY	3.4		N	CV	1
7440-02-0	NICKEL	348			P	1
7440-09-7	POTASSIUM	13100			P	1
7782-49-2	SELENIUM	12.2			P	1
7440-22-4	SILVER	1.5	B		P	1
7440-23-5	SODIUM	16500			P	1
7440-28-0	THALLIUM	8.2	B		P	1
7440-62-2	VANADIUM	179			P	1
7440-66-6	ZINC	487			P	1

Color Before: BROWN | Clarity Before: OPAQUE

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SP003

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-002

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	187			P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	41.9			P	1
7440-41-7	BERYLLIUM	0.17	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	70300			P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	2.1	B		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	22900			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	11400			P	1
7439-96-5	MANGANESE	2270			P	1
7439-97-6	MERCURY	0.02	U	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	4160			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	12200			P	1
7440-28-0	THALLIUM	3.6	B		P	1
7440-62-2	VANADIUM	1.3	B		P	1
7440-66-6	ZINC	2.3	B		P	1

Color Before: BROWN | Clarity Before: CLOUDY

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SP004

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-003

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	78.6	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	51.2			P	1
7440-41-7	BERYLLIUM	0.11	U		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	136000			P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	4.3	B		P	1
7440-50-8	COPPER	1.8	B		P	1
7439-89-6	IRON	24700			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	16600			P	1
7439-96-5	MANGANESE	842			P	1
7439-97-6	MERCURY	0.05	B	N	CV	1
7440-02-0	NICKEL	2.6	B		P	1
7440-09-7	POTASSIUM	12600			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	25000			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	1.2	B		P	1

Color Before: BROWN | Clarity Before: CLOUDY

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SP005

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-004

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	1960			P	1
7440-36-0	ANTIMONY	6.96	U		P	3
7440-38-2	ARSENIC	1410			P	3
7440-39-3	BARIUM	173			P	1
7440-41-7	BERYLLIUM	0.13	B		P	1
7440-43-9	CADMIUM	0.90	U	E	P	3
7440-70-2	CALCIUM	89200			P	1
7440-47-3	CHROMIUM	1.3	B	E	P	1
7440-48-4	COBALT	5.5	B		P	1
7440-50-8	COPPER	8.9	B		P	3
7439-89-6	IRON	282000			P	3
7439-92-1	LEAD	4.44	U		P	3
7439-95-4	MAGNESIUM	29400			P	1
7439-96-5	MANGANESE	2270			P	1
7439-97-6	MERCURY	0.09	B	N	CV	1
7440-02-0	NICKEL	2.8	B		P	1
7440-09-7	POTASSIUM	5280			P	1
7782-49-2	SELENIUM	8.94	U		P	3
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	31000			P	1
7440-28-0	THALLIUM	9.84	U		P	3
7440-62-2	VANADIUM	9.6	B		P	1
7440-66-6	ZINC	15.6	B		P	1

Color Before: BROWN | Clarity Before: CLOUDY

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SP009

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-005

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	52.9	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	5.0	B		P	1
7440-39-3	BARIUM	27.0			P	1
7440-41-7	BERYLLIUM	0.15	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	42200			P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	1.2	B		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	12800			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	10500			P	1
7439-96-5	MANGANESE	1520			P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	6100			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	21900			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	1.2	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-SPXD1

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-006

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	80.5	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	8.6			P	1
7440-39-3	BARIUM	27.4			P	1
7440-41-7	BERYLLIUM	0.14	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	42500			P	1
7440-47-3	CHROMIUM	0.88	B	E	P	1
7440-48-4	COBALT	1.2	B		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	16100			P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	10400			P	1
7439-96-5	MANGANESE	1540			P	1
7439-97-6	MERCURY	0.02	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	5800			P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	21500			P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	1.2	B		P	1
7440-66-6	ZINC	4.0	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-QS001

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-007

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	21.9	B		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	0.30	U		P	1
7440-41-7	BERYLLIUM	0.18	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	46.9	B		P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	20.31	U		P	1
7439-92-1	LEAD	1.48	U		P	1
7439-95-4	MAGNESIUM	5.51	U		P	1
7439-96-5	MANGANESE	2.2	B		P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	416	B		P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	77.9	B		P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	1.5	B		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | Client Field ID: BN-16-S1-QD001

Matrix: WATER | SDG Name: BN16S1SP001

Percent Solids: 0.00 | Lab Sample ID: WQ1001-014

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	16.44	U		P	1
7440-36-0	ANTIMONY	2.32	U		P	1
7440-38-2	ARSENIC	1.98	U		P	1
7440-39-3	BARIUM	0.30	U		P	1
7440-41-7	BERYLLIUM	0.18	B		P	1
7440-43-9	CADMIUM	0.30	U	E	P	1
7440-70-2	CALCIUM	24.7	B		P	1
7440-47-3	CHROMIUM	0.74	U	E	P	1
7440-48-4	COBALT	0.71	U		P	1
7440-50-8	COPPER	1.52	U		P	1
7439-89-6	IRON	20.31	U		P	1
7439-92-1	LEAD	1.8	B		P	1
7439-95-4	MAGNESIUM	5.51	U		P	1
7439-96-5	MANGANESE	0.35	B		P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	1.10	U		P	1
7440-09-7	POTASSIUM	342	B		P	1
7782-49-2	SELENIUM	2.98	U		P	1
7440-22-4	SILVER	1.04	U		P	1
7440-23-5	SODIUM	24.9	B		P	1
7440-28-0	THALLIUM	3.28	U		P	1
7440-62-2	VANADIUM	0.94	U		P	1
7440-66-6	ZINC	0.32	U		P	1

Color Before: COLORLESS | Clarity Before: CLEAR

Color After: COLORLESS | Clarity After: CLEAR

Comments:

FORM I - IN

Appendix D.8

Leachate Station Seep Samples
Sites 1 and 3

APPENDIX D.8

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Leachate Station Seep Samples	
BN-16-EP-SEEP10	SEEP-10
BN-16-EP-SEEP11	SEEP-11
Trip Blank	
NB-16-EP-QT001 (4/13)	Trip Blank
Equipment Rinsate Blank	
BN-16-EP-QSOO1	Rinse Blank
Source Water Blank	
BN-16-S1-QDOO1	Source Water

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase Phone # ( ) 778-5977 Fax # ( ) 778-4636

Address: City: Newburgh State: NY Zip Code: 12550

Purchase Order #: Proj. Name / No.: Eut 16 Katahdin Quote #:

Bill (if different than above): Address:

Sampler (Print / Sign): Copies To:

LAB USE ONLY — WORK ORDER #: WQ1004 — KATAHDIN PROJECT MANAGER: _____

REMARKS: _____

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO: _____

TEMP°C _____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

★	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	BN-16-EP-SW10 MS/MSD	4/13 / 1048	W	9	X										
✓	BN-16EPSW11	4/13 / 1017	W	3	X										
✓	BN-16EPSW12	4/13 / 0942	W	3	X										
✓	BN-16-EPSW13	4/13 / 1030	W	3	X										
✓	BN-16-EPSW14	4/13 / 1008	W	3	X										
✓	BN-16-EP-SW101	4/13 / —	W	3	X										
✓	BN-16-EP-GS00	4/13 / 0920	W	3	X										
✓	BN-16-EP-Seep11	4/13 / 1125	W	3	X										
✓	BN-16-EP-Seep10	4/13 / 1105	W	3	X										
✓	BN-16-EP-GT001	4/13 / 1030	W	3	X										
		/													
		/													
		/													
		/													
		/													
		/													

COMMENTS: Begins and ends SDG BN-16 EPSW10
Please forward COC + Form I's to Sue at Brunswick

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mil Cle	4/14/00 1000	Amy Meck			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: (207) 798-5977

Fax #: (207) 798-[illegible]

Address: 3 Washington Center

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: LTMP Event 16

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

Copies To:

LAB USE ONLY

WORK ORDER #: WQ1001

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	TAL metals								
✓	BN-16-SI-SP001	4/13 / 1310	W	9	X		MS / MSD							
	BN-16-SI-SP001	4/13 / 1310	W	2		X	MS							
✓	BN-16-SI-SP003	4/13 / 1345	W	4	X	X								
✓	BN-16-SI-SP004	4/13 / 1400	W	4	X	X								
✓	BN-16-SI-SP005	4/13 / 1420	W	4	X	X								
✓	BN-16-SI-SP009	4/13 / 1440	W	4	X	X								
	BN-16-SI-SPXD1	4/13 / —	W	4	X	X								
	BN-16-SI-QS001 water	4/13 / 1550	W	4	X	X								
✓	BN-16-SI-QS002 SE.13	4/13 / 1555	W	4	X	X								
	BN-16-SI-SW004	4/13 / 1340	W	4	X	X								
✓	BN-16-SI-SWXD1	4/13 / —	W	4	X	X								
	BN-16-SI-SW007	4/13 / 1350	W	4	X	X								
	BN-16-SI-SW008	4/13 / 1310	W	4	X	X								
	BN-16-SI-SW009	4/13 / 1300	W	4	X	X								
	BN-16-SI-QD001	4/13 / 0915	W	4	X	X								
		/												

COMMENTS Begins + Ends SDG # BN-16-SI-SP001
temp blank + trip blank included

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	4/14/00 1000	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-9
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SEEP10	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLORDETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-9
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SEEP10	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	119	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	106	%	1.0		
1,2-DICHLOROETHANE-D4	121	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-8
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SEEP11	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-8
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-SEEP11	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	104	%	1.0		
1,2-DICHLOROETHANE-D4	94	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-10
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/13/00	4/14/00	4/20/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	114	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	106	%	1.0		
1,2-DICHLOROETHANE-D4	119	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-7
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QS001	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1004-7
SDG: BN16EPSW10
Report Date: 4/25/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/20/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QS001	AQ	4/13/00	4/14/00	4/20/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	99	%	1.0		
TOLUENE-D8	102	%	1.0		
P-BROMOFLUOROBENZENE	101	%	1.0		
1,2-DICHLOROETHANE-D4	93	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1001-14
SDG: BN16S1SP001
Report Date: 4/24/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/19/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-S1-QD001	AQ	4/13/00	4/14/00	4/19/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	98	%	1.0		
TOLUENE-D8	103	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	94	%	1.0		

Report Notes:

Appendix D.9

Diffusion Samples
Eastern Plume

APPENDIX D.9

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK

Sample Designation	Sample Station
Diffusion Samples	
BN-16-EP-DS105AS	MW-105A
BN-16-EP-DS105AM	MW-105A
BN-16-EP-DS105AD	MW-105A
BN-16-EP-DS205S	MW-205
BN-16-EP-DS205M	MW-205
BN-16-EP-DS205D	MW-205
BN-16-EP-DS224S	MW-224
BN-16-EP-DS224M	MW-224
BN-16-EP-DS224D	MW-224
BN-16-EP-DS229AS	MW-229A
BN-16-EP-DSXD1S	MW-229A (S-Diffusion Duplicate)
BN-16-EP-DS229AM	MW-229A
BN-16-EP-DSXDAM	MW-229A (M-Diffusion Duplicate)
BN-16-EP-DS229AD	MW-229A
BN-16-EP-DSXD1D	ME-229A (D-Diffusion Duplicate)
BN-16-EP-DS306S	MW-306
BN-16-EP-DS306M	MW-306
BN-16-EP-DS306D	MW-306
BN-16-EP-DS311S	MW-311
BN-16-EP-DS311M	MW-311
BN-16-EPDSXD2	MW-311 (M-Diffusion Duplicate)
BN-16-EP-DS311D	MW-311
BN-16-EP-DS319S	MW-319
BN-16-EP-DS319M	MW-319
BN-16-EP-DS319D	MW-319
BN-16-EP-DS331S	MW-331
BN-16-EP-DS331M	MW-331
BN-16-EP-DS331D	MW-331
BN-16-EP-DS332S	MW-332
BN-16-EP-DS332M	MW-332
BN-16-EP-DS332D	MW-332
BN-16-EP-DS212S	MW-NASB-212
BN-16-EP-DS212M	MW-NASB-212
BN-16-EP-DS212D	MW-NASB-212
Trip Blank	
BN-16-EP-QT002	Trip Blank
BN-16-EP-QT01 (4/19)	Trip Blank
Field Blank	
BN-16-EP-DSFB1	Field Blank

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
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Westbrook, ME 04092
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Fax: (207) 775-4029

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Address | City | State | Zip Code

Purchase Order # | Proj. Name / No. | Katahdin Quote #

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Sampler (Print / Sign) | Copies To:

LAB USE ONLY WORK ORDER #: WQ1098 -

KATAHDIN PROJECT MANAGER _____

REMARKS: _____

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO: _____

TEMP°C _____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-16-EP-DS332D	4-20/950	W	3	X										
	BN-16-EP-DS 332M	4-20/945	W	3	X										
	BN-16-EP-DS332S	4-20/940	W	3	X										
	BN-16-EP-DS 224S	4-20 / 1115	W	9	X	MS/MSD									
	BN-16-EP-DS 229AM	4-20/ 1350	W	3	X										
	BN-16-EP-DS XD1M	4-20/ —	W	3	X										
	BN-16-EP-DS229AD	4-20 /1355	W	2	X										
	BN-16-EP DSXD1D	4-20 / —	W	3	X										
	BN-16-EP DS212D	4-20 /1545	W	3	X										
	BN-16-EP DS212M	4-20/ 1540	W	3	X										
	BN-16-EP DS 212S	4-20 / 1535	W	3	X										
	BN-16-EP DS 205D	4-20 / 1420	W	3	X										
	BN-16-EP DS 205M	4-20 / 1415	W	3	X										
	BN-16-EP-DS205S	4-20 / 1410	W	3	X										
	BN-16-EP-DS FB1	4-21 / 900	W	3	X										
	BN-16-EP-DS105AD	4-20 / 1435	W	3	X										
	BN-16-EP-DS 105AM	4-20 / 1430	W	3	X										
	BN-16-EP-DS105AS	4-20 / 1425	W	3	X										

OMMENTS Begins + Ends SDG BN-16-EP-DS332D

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Jim Shutty	4/21/00 1050	Angela Faunce			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

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Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: (207) 798-5977

Fax #: (207) 798-[redacted]

Address: 3 Washington Center

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: April Evt

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

Copies To:

LAB USE ONLY

WORK ORDER #: WQ1096

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

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ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	~~BN-16-EP-DS332D~~	~~4/20/0950~~	~~W~~	~~3~~	~~X~~	SYC									
✓	~~BN-16-EP-DS-332N~~	~~4-20/945~~	~~W~~	~~3~~	~~X~~	SYC									
✓	~~BN-16-EP-DS-332S~~	~~4-20/940~~	~~W~~	~~3~~	~~X~~	SYC									
✓	BN-16-EP-GT002	4-20/1042	W	3	X										
✓	BN-16-EP-DS311D	4-20/935	W	3	X										
✓	BN-16-EP-DSXD2	4-20/~~[illegible]~~	W	3	X										
✓	BN-16-EP-DS311M	4-20/930	W	3	X										
✓	BN-16-EP-DS311S	4-20/925	W	3	X										
✓	BN-16-EP-DS331D	4-20/913	W	3	X										
✓	BN-16-EP-DS331M	4-20/908	W	3	X										
✓	BN-16-EP-DS331S	4-20/903	W	3	X										
✓	~~BN-16-EP-DS-224S~~	~~4-20/1145~~	~~W~~	~~9~~	~~X~~			~~MS/MSD~~		SYC					
✓	BN-16-EP-DS224M	4-20/1120	W	3	X										
✓	BN-16-EP-DS224D	4-20/1125	W	3	X										
✓	BN-16-EP-DS229A S	4-20/1345	W	3	X										
✓	BN-16-EP-DSXD1S	4-20/—	W	3	X										

COMMENTS: Ends SDG # BN-16-EP-DS319S

Please forward COC's and Form I's to Sue Chase

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Kim Shutty	4/21/00 1050	Angela Hatunch			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN Page ____ of ____

Client: EA | Contact: Sue Chase | Phone #: (207) 798-5977 | Fax #: ( ) 798-4636

Address: 3 Washington Center | City: Newburgh | State: NY | Zip Code: 12550

Purchase Order # | Proj. Name / No. | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign) | Copies To:

LAB USE ONLY WORK ORDER #: WQ 1066 -

KATAHDIN PROJECT MANAGER _____

REMARKS: _____

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO: _____

TEMP°C _____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC HCL	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-16-EP-DS319S	4/19/00/1256	W	9	X		MS/MSD								
	BN-16-EP-DS319M	4/19/00/1305	W	3	X										
	BN-16-EP-DS319D	4/19/00/1310	W	3	X										
	BN-16-EP-DS306S	4/19/00/1400	W	3	X										
	BN-16-EP-DS306M	4/19/00/1410	W	3	X										
	BN-16-EP-DS306D	4/19/00/1415	W	3	X										
	BN-16-EP-[illegible]TOO1	4/19/00/1256	W	3	X										
		/													
		/													
		/													
		/													
		/													
		/													
		/													
		/													
		/													

COMMENTS Please forward copies of COC and form I's to Sue Chase @ Brunswick

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Brian Andrusa	4/20/00 0800	[illegible]		4-20-00 0800	Shelley [illegible]
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04098
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page ____ of ____

Client: EA

Contact: Sue Chase

Phone #: ( ) 775-5977

Fax #: ( ) 775-[illegible]

Address:

City: Newburgh

State: NY

Zip Code: 12550

Purchase Order #:

Proj. Name / No.: Ev+16

Katahdin Quote #:

Bill (if different than above):

Address:

Sampler (Print / Sign):

Copies To:

LAB USE ONLY

WORK ORDER #: W01004

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	8260	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
✓	BN-16-EP-SW10 MS/MSD	4/13 / 1048	W	9	X										
✓	BN-16-EP-SW11	4/13 / 1017	W	3	X										
✓	BN-16-EP-SW12	4/13 / 0942	W	3	X										
✓	BN-16-EP-SW13	4/13 / 1030	W	3	X										
✓	BN-16-EP-SW14	4/13 / 1008	W	3	X										
✓	BN-16-EP-SW101	4/13 / —	W	3	X										
✓	BN-16-EP-GW00	4/13 / 0920	W	3	X										
✓	BN-16-EP-Seep11	4/13 / 1125	W	3	X										
✓	BN-16-EP-Seep10	4/13 / 1105	W	3	X										
✓	BN-16-EP-QT001	4/13 / 1030	W	3	X										
		/													
		/													
		/													
		/													
		/													
		/													

COMMENTS: Begins and ends SDG BN-16-EP-SW13

Please forward COC + Form I's to Sue at Brunswick

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mike	4/14 001000	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-16
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS105AS	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLORDPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	2	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-16
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS105AS	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	105	%	1.0		
TOLUENE-D8	112	%	1.0		
P-BROMOFLUOROBENZENE	85	%	1.0		
1,2-DICHLOROETHANE-D4	99	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-15
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS105AM	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.5	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	J0.8	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-15
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS105AM	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	106	%	1.0		
TOLUENE-D8	113	%	1.0		
P-BROMOFLUOROBENZENE	87	%	1.0		
1,2-DICHLOROETHANE-D4	101	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-14
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS105AD	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.7	ug/L	1.0	1.0	1.0
ACETONE	J4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	J0.5	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-14
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS105AD	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	113	%	1.0		
TOLUENE-D8	116	%	1.0		
P-BROMOFLUOROBENZENE	87	%	1.0		
1,2-DICHLOROETHANE-D4	111	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-12
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205S	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B2	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	25	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	19	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.7	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E290	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E250	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.7	ug/L	1.0	1.0	1.0
BENZENE	8	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	22	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-12
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205S	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	96	%	1.0		
TOLUENE-D8	116	%	1.0		
P-BROMOFLUOROBENZENE	83	%	1.0		
1,2-DICHLOROETHANE-D4	90	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-12DL
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205S	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	<4	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	B4	ug/L	2.0	2	1.0
ACETONE	<10	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	25	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	J1	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	18	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	<2	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	290	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	230	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	8	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	20	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	<2	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-12DL
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205S	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	104	%	2.0		
TOLUENE-D8	118	%	2.0		
P-BROMOFLUOROBENZENE	86	%	2.0		
1,2-DICHLOROETHANE-D4	102	%	2.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-17
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205M	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B2	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	29	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	22	ug/L	1.0	1.0	1.0
CHLOROFORM	J0.5	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.8	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E310	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E290	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.8	ug/L	1.0	1.0	1.0
BENZENE	5	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	30	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-17
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205M	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	91	%	1.0		
TOLUENE-D8	114	%	1.0		
P-BROMOFLUOROBENZENE	84	%	1.0		
1,2-DICHLOROETHANE-D4	82	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-17DL
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/29/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205M	AQ	4/20/00	4/21/00	4/29/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	<4	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	B3	ug/L	2.0	2	1.0
ACETONE	<10	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	29	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	J1	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	26	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	J1	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	340	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	210	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	4	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	20	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	<2	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-17DL
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/29/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205M	AQ	4/20/00	4/21/00	4/29/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	114	%	2.0		
TOLUENE-D8	106	%	2.0		
P-BROMOFLUOROBENZENE	114	%	2.0		
1,2-DICHLOROETHANE-D4	124	%	2.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-11
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205D	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B2	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	30	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	2	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	22	ug/L	1.0	1.0	1.0
CHLOROFORM	J0.5	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.8	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E320	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E320	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.8	ug/L	1.0	1.0	1.0
BENZENE	6	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	28	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-11
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205D	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	97	%	1.0		
TOLUENE-D8	118	%	1.0		
P-BROMOFLUOROBENZENE	85	%	1.0		
1,2-DICHLOROETHANE-D4	86	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-11DL
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205D	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	<4	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	B3	ug/L	2.0	2	1.0
ACETONE	<10	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	29	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	J2	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	22	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	J1	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	330	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	280	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	5	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	26	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	<2	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-11DL
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS205D	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	102	%	2.0		
TOLUENE-D8	118	%	2.0		
P-BROMOFLUOROBENZENE	86	%	2.0		
1,2-DICHLOROETHANE-D4	96	%	2.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-18
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS224S	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.8	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-18
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS224S	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	111	%	1.0		
TOLUENE-D8	115	%	1.0		
P-BROMOFLUOROBENZENE	86	%	1.0		
1,2-DICHLOROETHANE-D4	104	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-9
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS224M	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	J4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	J0.6	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-9
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS224M	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	119	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	116	%	1.0		
1,2-DICHLOROETHANE-D4	133	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-10
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS224D	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	J4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	J0.6	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-10
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS224D	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	116	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	113	%	1.0		
1,2-DICHLOROETHANE-D4	127	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-11
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS229AS	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.5	ug/L	1.0	1.0	1.0
ACETONE	J4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	7	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	27	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	27	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	3	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	4	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-11
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS229AS	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	115	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	117	%	1.0		
1,2-DICHLOROETHANE-D4	124	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-12
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/29/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD1S	AQ	4/20/00	4/21/00	4/29/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	J4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	6	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	27	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	27	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	2	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	4	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-12
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/29/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD1S	AQ	4/20/00	4/21/00	4/29/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	113	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	117	%	1.0		
1,2-DICHLOROETHANE-D4	124	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-4
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS229AM	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	7	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	34	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	32	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	4	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-4
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS229AM	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	109	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	108	%	1.0		
1,2-DICHLOROETHANE-D4	107	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-5
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD1M	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.7	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	3	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	7	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	36	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	33	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	5	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-5
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD1M	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	110	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	109	%	1.0		
1,2-DICHLOROETHANE-D4	106	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-6
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS229AD	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.7	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	3	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	7	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	36	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	34	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	4	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-6
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS229AD	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	107	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	108	%	1.0		
1,2-DICHLOROETHANE-D4	104	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-4
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS306S	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	J0.9	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	2	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	4	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	19	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	25	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-4
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS306S	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	122	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	102	%	1.0		
1,2-DICHLOROETHANE-D4	132	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WO1098-7
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD1D	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	3	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	7	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	36	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	35	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	5	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WO1098-7
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD1D	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	108	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	107	%	1.0		
1,2-DICHLOROETHANE-D4	102	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-5
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS306M	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	3	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	8	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	34	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	34	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-5
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS306M	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	125	%	1.0		
TOLUENE-D8	105	%	1.0		
P-BROMOFLUOROBENZENE	101	%	1.0		
1,2-DICHLOROETHANE-D4	130	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-6
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS306D	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	10	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	23	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	71	ug/L	1.0	1.0	1.0
CHLOROFORM	8	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	180	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	70	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-6
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS306D	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	120	%	1.0		
TOLUENE-D8	114	%	1.0		
P-BROMOFLUOROBENZENE	104	%	1.0		
1,2-DICHLOROETHANE-D4	118	%	1.0		

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-5
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311S	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B5	ug/L	1.0	1.0	1.0
ACETONE	J4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	100	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	65	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	4	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	24	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E210	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
BENZENE	J0.7	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	5	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-5
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311S	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	115	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	115	%	1.0		
1,2-DICHLOROETHANE-D4	126	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-5DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311S	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	<4	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	B5	ug/L	2.0	2	1.0
ACETONE	<10	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	94	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	59	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	2	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	4	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	22	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	190	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	<2	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	5	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	<2	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: B, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-5DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311S	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	115	%	2.0		
TOLUENE-D8	107	%	2.0		
P-BROMOFLUOROBENZENE	112	%	2.0		
1,2-DICHLOROETHANE-D4	122	%	2.0		

Report Notes: B, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-4
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311M	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B7	ug/L	1.0	1.0	1.0
ACETONE	J4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	120	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	82	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	3	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	5	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	31	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E250	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
BENZENE	J0.9	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	6	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-4
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311M	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	116	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	110	%	1.0		
1,2-DICHLOROETHANE-D4	123	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-4DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311M	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	<4	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	B7	ug/L	2.0	2	1.0
ACETONE	<10	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	110	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	70	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	2	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	5	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	26	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	230	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	<2	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	6	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	<2	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: B, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-4DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311M	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	115	%	2.0		
TOLUENE-D8	107	%	2.0		
P-BROMOFLUOROBENZENE	116	%	2.0		
1,2-DICHLOROETHANE-D4	124	%	2.0		

Report Notes: B, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-3
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD2	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B6	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	130	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	83	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	3	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	5	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	35	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E260	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
BENZENE	J0.9	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLORDPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	7	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-3
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD2	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	117	%	1.0		
TOLUENE-D8	102	%	1.0		
P-BROMOFLUOROBENZENE	99	%	1.0		
1,2-DICHLOROETHANE-D4	123	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-3DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD2	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	<4	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	B7	ug/L	2.0	2	1.0
ACETONE	J5	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	120	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	76	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	2	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	5	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	36	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	240	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	<2	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	6	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	<2	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-3DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSXD2	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	115	%	2.0		
TOLUENE-D8	107	%	2.0		
P-BROMOFLUOROBENZENE	113	%	2.0		
1,2-DICHLOROETHANE-D4	124	%	2.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-2
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311D	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	63	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	14	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	14	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E470	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	E230	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
BENZENE	1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	20	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-2
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311D	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	118	%	1.0		
TOLUENE-D8	109	%	1.0		
P-BROMOFLUOROBENZENE	112	%	1.0		
1,2-DICHLOROETHANE-D4	122	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-2DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311D	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	<4	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	JB2	ug/L	2.0	2	1.0
ACETONE	<10	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	52	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	12	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	12	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	J2	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	E420	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	190	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	<2	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	17	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	<2	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: B, J, E, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-2DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311D	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	117	%	2.0		
TOLUENE-D8	104	%	2.0		
P-BROMOFLUOROBENZENE	111	%	2.0		
1,2-DICHLOROETHANE-D4	127	%	2.0		

Report Notes: B, J, E, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-2DL2
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311D	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/L	5.0	10	2.0
BROMOMETHANE	<10	ug/L	5.0	10	2.0
VINYL CHLORIDE	<10	ug/L	5.0	10	2.0
CHLOROETHANE	<10	ug/L	5.0	10	2.0
METHYLENE CHLORIDE	JB3	ug/L	5.0	5	1.0
ACETONE	<25	ug/L	5.0	25	5
CARBON DISULFIDE	<5	ug/L	5.0	5	1.0
1,1-DICHLOROETHENE	54	ug/L	5.0	5	1.0
1,1-DICHLOROETHANE	12	ug/L	5.0	5	1.0
TOTAL 1,2-DICHLOROETHENE	12	ug/L	5.0	5	1.0
CHLOROFORM	<5	ug/L	5.0	5	1.0
1,2-DICHLOROETHANE	<5	ug/L	5.0	5	1.0
2-BUTANONE	<25	ug/L	5.0	25	5
1,1,1-TRICHLOROETHANE	430	ug/L	5.0	5	1.0
CARBON TETRACHLORIDE	<5	ug/L	5.0	5	1.0
BROMODICHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,2-DICHLOROPROPANE	<5	ug/L	5.0	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
TRICHLOROETHENE	200	ug/L	5.0	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,1,2-TRICHLOROETHANE	<5	ug/L	5.0	5	1.0
BENZENE	<5	ug/L	5.0	5	1.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
BROMOFORM	<5	ug/L	5.0	5	1.0
4-METHYL-2-PENTANONE	<15	ug/L	5.0	15	3
2-HEXANONE	<20	ug/L	5.0	20	4
TETRACHLOROETHENE	17	ug/L	5.0	5	1.0
1,1,2,2-TETRACHLOROETHANE	<5	ug/L	5.0	5	1.0
TOLUENE	<5	ug/L	5.0	5	1.0
CHLOROBENZENE	<5	ug/L	5.0	5	1.0
ETHYLBENZENE	<5	ug/L	5.0	5	1.0
STYRENE	<5	ug/L	5.0	5	1.0
TOTAL XYLENES	<5	ug/L	5.0	5	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-2DL2
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS311D	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,3-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,4-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
DIBROMOFLUOROMETHANE	112	%	5.0		
TOLUENE-D8	105	%	5.0		
P-BROMOFLUOROBENZENE	112	%	5.0		
1,2-DICHLOROETHANE-D4	120	%	5.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-1
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS319S	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	J80.7	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	11	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	6	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	23	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	80	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-1
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS319S	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	120	%	1.0		
TOLUENE-D8	113	%	1.0		
P-BROMOFLUOROBENZENE	100	%	1.0		
1,2-DICHLOROETHANE-D4	119	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-2
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS319M	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	JB4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	5	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	2	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	17	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	70	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-2
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS319M	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	122	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	101	%	1.0		
1,2-DICHLOROETHANE-D4	123	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-3
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS319D	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	6	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	12	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	71	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-3
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS319D	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	114	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	97	%	1.0		
1,2-DICHLOROETHANE-D4	117	%	1.0		

Report Notes:

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-8
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331S	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B2	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	39	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	19	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	43	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.9	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E460	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	160	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	4	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	7	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-8
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331S	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	115	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	110	%	1.0		
1,2-DICHLOROETHANE-D4	118	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-8DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331S	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/L	5.0	10	2.0
BROMOMETHANE	<10	ug/L	5.0	10	2.0
VINYL CHLORIDE	<10	ug/L	5.0	10	2.0
CHLOROETHANE	<10	ug/L	5.0	10	2.0
METHYLENE CHLORIDE	JB4	ug/L	5.0	5	1.0
ACETONE	<25	ug/L	5.0	25	5
CARBON DISULFIDE	<5	ug/L	5.0	5	1.0
1,1-DICHLOROETHENE	37	ug/L	5.0	5	1.0
1,1-DICHLOROETHANE	18	ug/L	5.0	5	1.0
TOTAL 1,2-DICHLOROETHENE	40	ug/L	5.0	5	1.0
CHLOROFORM	<5	ug/L	5.0	5	1.0
1,2-DICHLOROETHANE	<5	ug/L	5.0	5	1.0
2-BUTANONE	<25	ug/L	5.0	25	5
1,1,1-TRICHLOROETHANE	440	ug/L	5.0	5	1.0
CARBON TETRACHLORIDE	<5	ug/L	5.0	5	1.0
BROMODICHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,2-DICHLOROPROPANE	<5	ug/L	5.0	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
TRICHLOROETHENE	150	ug/L	5.0	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,1,2-TRICHLOROETHANE	<5	ug/L	5.0	5	1.0
BENZENE	J5	ug/L	5.0	5	1.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
BROMOFORM	<5	ug/L	5.0	5	1.0
4-METHYL-2-PENTANONE	<15	ug/L	5.0	15	3
2-HEXANONE	<20	ug/L	5.0	20	4
TETRACHLOROETHENE	6	ug/L	5.0	5	1.0
1,1,2,2-TETRACHLOROETHANE	<5	ug/L	5.0	5	1.0
TOLUENE	<5	ug/L	5.0	5	1.0
CHLOROBENZENE	<5	ug/L	5.0	5	1.0
ETHYLBENZENE	<5	ug/L	5.0	5	1.0
STYRENE	<5	ug/L	5.0	5	1.0
TOTAL XYLENES	<5	ug/L	5.0	5	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550
Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-8DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331S	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,3-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,4-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
DIBROMOFLUOROMETHANE	114	%	5.0		
TOLUENE-D8	105	%	5.0		
P-BROMOFLUOROBENZENE	114	%	5.0		
1,2-DICHLOROETHANE-D4	124	%	5.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-7
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331M	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	2	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B3	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	51	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	26	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	13	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E390	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	120	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.5	ug/L	1.0	1.0	1.0
BENZENE	J0.9	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	5	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-7
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331M	AQ	4/20/00	4/21/00	4/28/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	114	%	1.0		
TOLUENE-D8	106	%	1.0		
P-BROMOFLUOROBENZENE	109	%	1.0		
1,2-DICHLOROETHANE-D4	114	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-7DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331M	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<10	ug/L	5.0	10	2.0
BROMOMETHANE	<10	ug/L	5.0	10	2.0
VINYL CHLORIDE	<10	ug/L	5.0	10	2.0
CHLOROETHANE	<10	ug/L	5.0	10	2.0
METHYLENE CHLORIDE	B6	ug/L	5.0	5	1.0
ACETONE	<25	ug/L	5.0	25	5
CARBON DISULFIDE	<5	ug/L	5.0	5	1.0
1,1-DICHLOROETHENE	51	ug/L	5.0	5	1.0
1,1-DICHLOROETHANE	25	ug/L	5.0	5	1.0
TOTAL 1,2-DICHLOROETHENE	13	ug/L	5.0	5	1.0
CHLOROFORM	<5	ug/L	5.0	5	1.0
1,2-DICHLOROETHANE	J3	ug/L	5.0	5	1.0
2-BUTANONE	<25	ug/L	5.0	25	5
1,1,1-TRICHLOROETHANE	390	ug/L	5.0	5	1.0
CARBON TETRACHLORIDE	<5	ug/L	5.0	5	1.0
BROMODICHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,2-DICHLOROPROPANE	<5	ug/L	5.0	5	1.0
CIS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
TRICHLOROETHENE	120	ug/L	5.0	5	1.0
DIBROMOCHLOROMETHANE	<5	ug/L	5.0	5	1.0
1,1,2-TRICHLOROETHANE	<5	ug/L	5.0	5	1.0
BENZENE	<5	ug/L	5.0	5	1.0
TRANS-1,3-DICHLOROPROPENE	<5	ug/L	5.0	5	1.0
BROMOFORM	<5	ug/L	5.0	5	1.0
4-METHYL-2-PENTANONE	<15	ug/L	5.0	15	3
2-HEXANONE	<20	ug/L	5.0	20	4
TETRACHLOROETHENE	J4	ug/L	5.0	5	1.0
1,1,2,2-TETRACHLOROETHANE	<5	ug/L	5.0	5	1.0
TOLUENE	<5	ug/L	5.0	5	1.0
CHLOROBENZENE	<5	ug/L	5.0	5	1.0
ETHYLBENZENE	<5	ug/L	5.0	5	1.0
STYRENE	<5	ug/L	5.0	5	1.0
TOTAL XYLENES	<5	ug/L	5.0	5	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-7DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331M	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,3-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
1,4-DICHLOROBENZENE	<5	ug/L	5.0	5	1.0
DIBROMOFLUOROMETHANE	116	%	5.0		
TOLUENE-D8	106	%	5.0		
P-BROMOFLUOROBENZENE	113	%	5.0		
1,2-DICHLOROETHANE-D4	126	%	5.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-6
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331D	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	J1	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B3	ug/L	1.0	1.0	1.0
ACETONE	J2	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	47	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	24	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	13	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	E360	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	110	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	J0.5	ug/L	1.0	1.0	1.0
BENZENE	J0.8	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	4	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-6
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No.: 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331D	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	116	%	1.0		
TOLUENE-D8	108	%	1.0		
P-BROMOFLUOROBENZENE	111	%	1.0		
1,2-DICHLOROETHANE-D4	119	%	1.0		

Report Notes: B, J, E

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-6DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331D	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<4	ug/L	2.0	4	2.0
BROMOMETHANE	<4	ug/L	2.0	4	2.0
VINYL CHLORIDE	<4	ug/L	2.0	4	2.0
CHLOROETHANE	<4	ug/L	2.0	4	2.0
METHYLENE CHLORIDE	B3	ug/L	2.0	2	1.0
ACETONE	<10	ug/L	2.0	10	5
CARBON DISULFIDE	<2	ug/L	2.0	2	1.0
1,1-DICHLOROETHENE	42	ug/L	2.0	2	1.0
1,1-DICHLOROETHANE	21	ug/L	2.0	2	1.0
TOTAL 1,2-DICHLOROETHENE	11	ug/L	2.0	2	1.0
CHLOROFORM	<2	ug/L	2.0	2	1.0
1,2-DICHLOROETHANE	J2	ug/L	2.0	2	1.0
2-BUTANONE	<10	ug/L	2.0	10	5
1,1,1-TRICHLOROETHANE	320	ug/L	2.0	2	1.0
CARBON TETRACHLORIDE	<2	ug/L	2.0	2	1.0
BROMODICHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,2-DICHLOROPROPANE	<2	ug/L	2.0	2	1.0
CIS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
TRICHLOROETHENE	100	ug/L	2.0	2	1.0
DIBROMOCHLOROMETHANE	<2	ug/L	2.0	2	1.0
1,1,2-TRICHLOROETHANE	<2	ug/L	2.0	2	1.0
BENZENE	<2	ug/L	2.0	2	1.0
TRANS-1,3-DICHLOROPROPENE	<2	ug/L	2.0	2	1.0
BROMOFORM	<2	ug/L	2.0	2	1.0
4-METHYL-2-PENTANONE	<6	ug/L	2.0	6	3
2-HEXANONE	<8	ug/L	2.0	8	4
TETRACHLOROETHENE	4	ug/L	2.0	2	1.0
1,1,2,2-TETRACHLOROETHANE	<2	ug/L	2.0	2	1.0
TOLUENE	<2	ug/L	2.0	2	1.0
CHLOROBENZENE	<2	ug/L	2.0	2	1.0
ETHYLBENZENE	<2	ug/L	2.0	2	1.0
STYRENE	<2	ug/L	2.0	2	1.0
TOTAL XYLENES	<2	ug/L	2.0	2	1.0

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-6DL
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/28/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS331D	AQ	4/20/00	4/21/00	4/28/00	KMC	5030	KMC

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,3-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
1,4-DICHLOROBENZENE	<2	ug/L	2.0	2	1.0
DIBROMOFLUOROMETHANE	117	%	2.0		
TOLUENE-D8	106	%	2.0		
P-BROMOFLUOROBENZENE	114	%	2.0		
1,2-DICHLOROETHANE-D4	128	%	2.0		

Report Notes: B, J, O-2

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-3
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS332S	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	9	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	3	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	94	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	29	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	J0.8	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-3
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS332S	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	110	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	109	%	1.0		
1,2-DICHLOROETHANE-D4	106	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-2
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS332M	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.7	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	19	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	6	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	3	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.7	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	200	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	65	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	3	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-2
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS332M	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	108	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	108	%	1.0		
1,2-DICHLOROETHANE-D4	105	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-1
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS332D	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.7	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	15	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	5	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	J0.6	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	180	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	54	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	2	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-1
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/26/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS332D	AQ	4/20/00	4/21/00	4/26/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	108	%	1.0		
TOLUENE-D8	107	%	1.0		
P-BROMOFLUOROBENZENE	109	%	1.0		
1,2-DICHLOROETHANE-D4	105	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-10
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS212S	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.7	ug/L	1.0	1.0	1.0
ACETONE	J4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	12	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	5	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-10
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS212S	AQ	4/20/00	4/21/00	4/27/00	HMP	5030	HMP

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	117	%	1.0		
TOLUENE-D8	117	%	1.0		
P-BROMOFLUOROBENZENE	87	%	1.0		
1,2-DICHLOROETHANE-D4	115	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-9
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS212M	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	J3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	2	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	16	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	J0.7	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-9
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS212M	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	107	%	1.0		
TOLUENE-D8	113	%	1.0		
P-BROMOFLUORDBENZENE	86	%	1.0		
1,2-DICHLOROETHANE-D4	105	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-8
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS212D	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	<1	ug/L	1.0	1.0	1.0
ACETONE	J4	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	8	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-8
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DS212D	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	106	%	1.0		
TOLUENE-D8	112	%	1.0		
P-BROMOFLUOROBENZENE	89	%	1.0		
1,2-DICHLOROETHANE-D4	102	%	1.0		

Report Notes: J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-7
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	JB3	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WQ1066-7
SDG: BN16EPDS319S
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/21/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT001	AQ	4/19/00	4/20/00	4/21/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	122	%	1.0		
TOLUENE-D8	112	%	1.0		
P-BROMOFLUOROBENZENE	108	%	1.0		
1,2-DICHLOROETHANE-D4	134	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-1
SDG: BN16EPDS3193
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT002	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1096-1
SDG: BN16EPDS3193
Report Date: 5/5/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-QT002	AQ	4/20/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	107	%	1.0		
TOLUENE-D8	110	%	1.0		
P-BROMOFLUOROBENZENE	111	%	1.0		
1,2-DICHLOROETHANE-D4	102	%	1.0		

Report Notes: B

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-13
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSFB1	AQ	4/21/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.5	ug/L	1.0	1.0	1.0
ACETONE	6	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	4	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID: NASB BRUNSWICK

Lab Number: WQ1098-13
SDG: BN16EPDS332D
Report Date: 5/4/00
PO No. : 29600.47
Project: LTMP EVENT 16
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/27/00

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-16-EP-DSFB1	AQ	4/21/00	4/21/00	4/27/00	JSS	5030	JSS

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	110	%	1.0		
TOLUENE-D8	114	%	1.0		
P-BROMOFLUOROBENZENE	86	%	1.0		
1,2-DICHLOROETHANE-D4	104	%	1.0		

Report Notes: B, J

EA Engineering, Science, and Technology

The Maple Building
3 Washington Center
Newburgh, NY 12550
Telephone: 914-565-8100
Fax: 914-565-8203

23 June 2000

Mr. Michael Barry
U.S. Environmental Protection Agency
Region 1
JFK Federal Building
90 Canal Street
Boston, Massachusetts 02214

Ms. Claudia Sait
Maine Department of Environmental Protection
State House, Station 17
Augusta, Maine 04333-0017

RE: Reports for Monitoring Event 16, Sites 1 and 3 and Eastern Plume, and
Monitoring Event 16, Site 9, Naval Air Station, Brunswick, Maine
Contract No. N62472-92-D-1296; Contract Task Order No. 0047
EA Project No. 29600.47

Dear Mr. Barry/Ms. Sait:

On behalf of the Department of the Navy, EA Engineering, Science, and Technology is pleased to submit the reports for monitoring and sampling conducted for Monitoring Event 16 at Sites 1 and 3 and Eastern Plume, and Monitoring Event 16 at Site 9. These reports are submitted to the U.S. Environmental Protection Agency (EPA) Region 1, the State of Maine Department of Environmental Protection (MEDEP), and the Restoration Advisory Board (RAB) members for your information and use.

If additional information is required, please contact Mr. Anthony Williams at (207) 921-2445, or Mr. Art Coccoli (610) 595-0724.

Sincerely,

Alexander C. Easterday PG

Alexander C. Easterday, P.G.
Project Manager

ACE/caw
Enclosures

cc: Distribution List:
Mr. M. Barry, EPA (2 copies Sites 1 and 3; 1 copy Site 9)
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Ms. S. Chase, EA (1 copy)
Mr. K. Finkelstein, NOAA (w/o enclosure)
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REPORT AND COMMENTS TRACKING FORM, ACTIVE REPORTS FOR LONG-TERM MONITORING PROGRAM
ISSUE DATE: 6/23/2000

Report	Date Distributed	DEP	EPA	Lepage Environmental	Responses to Comments
ANNUAL REPORTS					
1999 Annual Reports					
Draft Site 9	18 FEB 2000	4 APR 2000	10 APR 2000		Includes response to comments on Monitoring Event 14 and 15 Reports, and 1998 Annual Report
Final Site 9	12 MAY 2000	23 MAY 2000	23 MAY 2000		Includes response to comments on Monitoring Event 14 and 15 Reports, and 1998 Annual Report
Draft Sites 1 and 3 and Eastern Plume	20 MAR 2000	7 APR 2000	18 APR 2000		Includes response to comments on Monitoring Event 14 and 15 Reports, and 1998 Annual Report
Final Sites 1 and 3 and Eastern Plume	20 MAY 2000	23 MAY 2000	23 MAY 2000		Includes response to comments on Monitoring Event 14 and 15 Reports, and 1998 Annual Report
MONITORING EVENT REPORTS					
Monitoring Event 16 (June 2000)					
Sites 1 & 3 and Eastern Plume	23 JUN 2000				
Site 9	23 JUN 2000				
OTHER REPORTS					
LTMP Revisions					
Sites 1 & 3 and Eastern Plume - FINAL	29 FEB 1999	12 MAR 2000	29 MAR 2000		Response to MEDEP and EPA comments on Draft Final included with Final LTMP
Site 2 - FINAL	29 FEB 1999	10 MAR 2000	30 MAR 2000		Response to MEDEP, EPA, and Lepage comments on Draft included with Final LTMP
Building 95 DRAFT	10 MAY 1999	20 JUL 1999	18 MAY 1999		Response to MEDEP and EPA comments on Draft LTMP included with Draft Final LTMP
Building 95 DRAFT FINAL	27 MAR 2000	20 APR 2000	28 APR 2000		Only MEDEP comments; no additional comments from EPA
Building 95 FINAL	26 MAY 2000				
Site 9 - FINAL	26 MAY 2000	20 JAN 2000	3 NOV 1999		Will respond with next revision of LTMP
Building 95 Closeout Report					
Building 95 Closeout Report	AUG 1998	8 OCT 1998	22 SEP 1998	16 OCT 1998	Report issued by Harding Lawson Associates

NOTE: Grey areas indicate no comments received.